

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐  
(highlight changes)

APPLICATION FOR PERMIT TO DRILL

1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>		5. MINERAL LEASE NO: <b>14-20-H62-5500 (EDA)</b>	6. SURFACE: <b>INDIAN</b>
B. TYPE OF WELL: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. IF INDIAN, ALLOTTEE OR TRIBE NAME: <b>UTE</b>	
2. NAME OF OPERATOR: <b>BERRY PETROLEUM COMPANY</b>		8. UNIT or CA AGREEMENT NAME: <b>N/A</b>	
3. ADDRESS OF OPERATOR: <b>RT. 2 BOX 7735 CITY ROOSEVELT STATE UTAH ZIP 84066</b>		9. WELL NAME and NUMBER: <b>LC TRIBAL 3-22D-46</b>	
4. LOCATION OF WELL (FOOTAGES) <b>538246x 44412954 40.122997 -110.551152</b> AT SURFACE: <b>1053' FNL, 1837' FWL NAD 27</b> <b>538302x 44414494 40.124378 40.122994 LAT -110.550479</b> AT PROPOSED PRODUCING ZONE: <b>BHL: 548' FNL, 2021' FWL 110.551236 LONG</b>		10. FIELD AND POOL, OR WILDCAT: <b>Altamont 55</b>	
11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>(NE/NW) SEC. 22, T.4S., R.6W. U.S.B.&amp;M.</b>		12. COUNTY: <b>DUCHESNE</b>	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: <b>10.8 MILES FROM DUCHESNE, UTAH</b>		13. STATE: <b>UTAH</b>	
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) <b>1053'</b>	16. NUMBER OF ACRES IN LEASE: <b>80.00</b>	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: <b>40</b>	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) <b>N/A</b>	19. PROPOSED DEPTH: <b>6200'</b>	20. BOND DESCRIPTION: <b>RLB0005651</b>	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): <b>6946' GR</b>	22. APPROXIMATE DATE WORK WILL START: <b>REFER TO BPC SOP PLAN</b>	23. ESTIMATED DURATION: <b>REFER TO BPC SOP PLAN</b>	

24. PROPOSED CASING AND CEMENTING PROGRAM: SEE ATTACHMENT

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
12 1/4	8 5/8 J-55 STC 24#	300'	TYPE III + ADDITIVES 130 SX 1.43 CF/SK 14.3 PPG
7 7/8	5 1/2 J-55 LTC 15.5#	6200'	HI-FILL MODIFIED+ADDITIVES 250 SX 3.46 CF/SK 11.0 PPG
			65/35 POZ+6% GEL+3% KCL+ADDITIVES 300 SX 1.92 CF/SK 13.0 PPG
NOTE: ACTUAL VOLUMES PUMPED WILL BE CALIPER HOLE VOLUME+25% EXCESS			

25. ATTACHMENTS: SEE CEMENT RECOMMENDATION ATTACHMENT

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

- ☒ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER  
☒ EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER

- ☒ COMPLETE DRILLING PLAN (BPC SOP ON FILE WITH STATE)  
☐ FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) **SHELLEY E. CROZIER** TITLE **REGULATORY & PERMITTING SPECIALIST**

SIGNATURE Shelley E. Crozier DATE **06/04/07**

(This space for State use only)

API NUMBER ASSIGNED: 43-013-336125

(11/2001)

Federal Approval of this  
Action is Necessary

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 06-18-07  
(See instructions on reverse side)

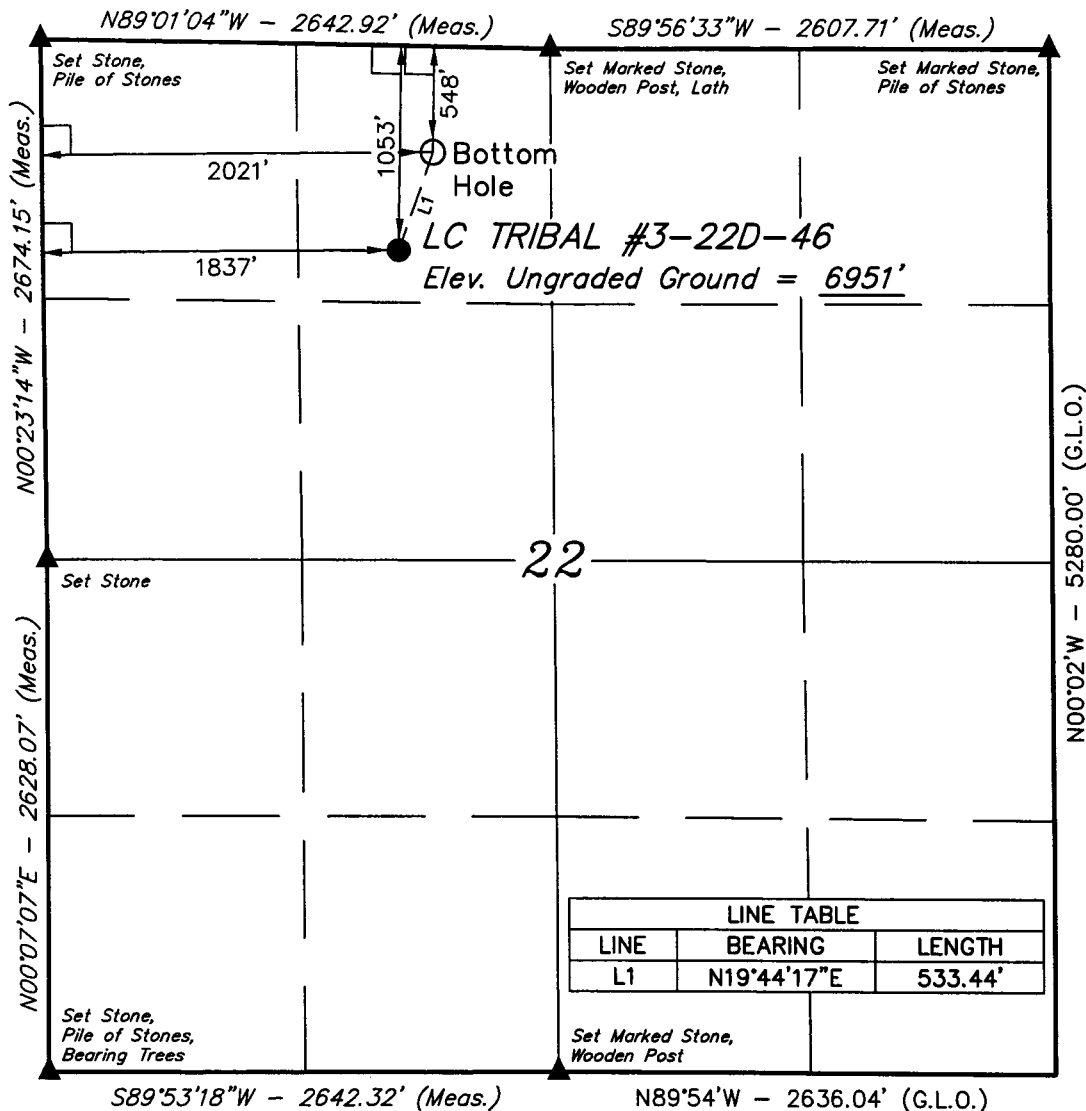
By: [Signature]

RECEIVED

JUN 08 2007

DIV. OF OIL, GAS & MINING

T4S, R6W, U.S.B.&M.



# LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

(NAD 83)  
 LATITUDE = 40°07'22.63" (40.122953)  
 LONGITUDE = 110°33'07.01" (110.551947)  
 (NAD 27)  
 LATITUDE = 40°07'22.78" (40.122994)  
 LONGITUDE = 110°33'04.45" (110.551236)

## BERRY PETROLEUM COMPANY

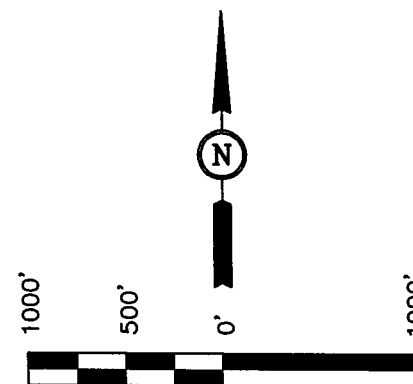
Well location, LC TRIBAL #3-22D-46, located as shown in the NE 1/4 NW 1/4 of Section 22, T4S, R6W, U.S.B.&M., Duchesne County, Utah.

## BASIS OF ELEVATION

BENCH MARK (M67) LOCATED IN THE SW 1/4 OF SECTION 9, T5S, R4W, U.S.B.&M., TAKEN FROM THE DUCHESNE SE QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED ON CAP AS BEING 6097 FEET.

## BASIS OF BEARINGS

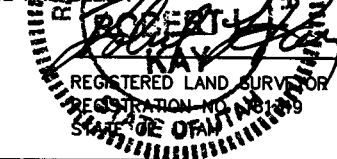
BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



## SCALE

## CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEY MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



UINTAH ENGINEERING & LAND SURVEYING  
 85 SOUTH 200 EAST - VERNAL, UTAH 84078  
 (435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 12-15-06	DATE DRAWN: 02-09-07
PARTY S.H. T.P. P.M.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE BERRY PETROLEUM COMPANY	

SELF-CERTIFICATION STATEMENT

The following self -certification statement is provided per federal requirements dated June 15, 1988.

Please be advised that Berry Petroleum Company is considered to be the operator of the following well.

LC Tribal 3-22D-46

NE 1/4, NW 1/4, 1053' FNL, 1837' FWL, Section 22, T. 4 S., R. 6 W., U.S.B.&M.

BHL: NE 1/4, NW 1/4, 548' FNL 2021' FWL

Lease 14-20-H62-5500 (EDA)

Duchesne, County, Utah

Berry Petroleum Company is responsible under the terms of the lease for the operations conducted upon the lease lands.



Shelley E. Crozier  
Regulatory & Permitting Specialist  
Berry Petroleum Company  
4000 South 4028 West  
Route 2, Box 7735  
Roosevelt, Utah 84066  
435-722-1325

**BERRY PETROLEUM COMPANY**

**LC Tribal 3-22D-46**

**Surface location NE 1/4, NW 1/4, 1053' FNL, 1837' FWL, Section 22, T. 4 S., R. 6 W., U.S.B.&M.**

**BHL: NE 1/4, NW 1/4, 548' FNL 2021' FWL**

**Duchesne County, Utah**

**ONSHORE ORDER NO. 1**

**DRILLING PROGRAM**

**1,2 Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals**

<b>FORMATION</b>	<b>DRILL DEPTH * @ BHL (TVD)</b>	<b>DRILL DEPTH * @ SHL (TVD)</b>
Uinta	Surface	On Surface
Green River	1,868'	1,844'
Green River Upper Marker	1,877'	1,858'
Mahogany	2,828'	2,796'
Tgr3 Marker	3,739'	3,714'
Douglas Creek	4,591'	4,561'
*Black Shale	5,430'	5,369'
*Castle Peak	5,823'	5,759'
Uteland Butte Ls.	5,938'	5,906'
Wasatch	6,145'	6,101'
TD	6,245'	6,200'
Base of Moderately Saline Water (less than 10,000 ppm)	1,646'	1,682'

**\*PROSPECTIVE PAY**

**Berry is locating the well at the surface location and directionally drilling from this location to minimize surface disturbance and Berry will be able to utilize the existing road and pipelines in the area.**

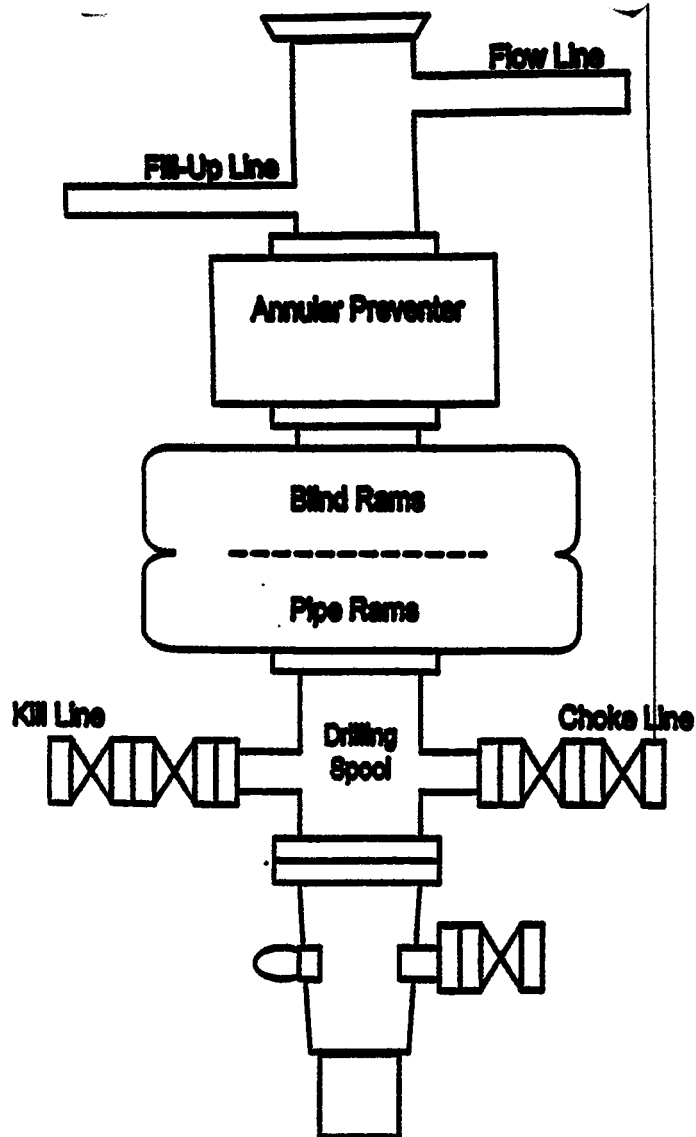
**Furthermore, Berry hereby certifies that it is the sole working interest owner with 460 feet of the entire directional well bore and the remainder of the section.**

**3 Pressure Control Equipment : (Schematic Attached)**

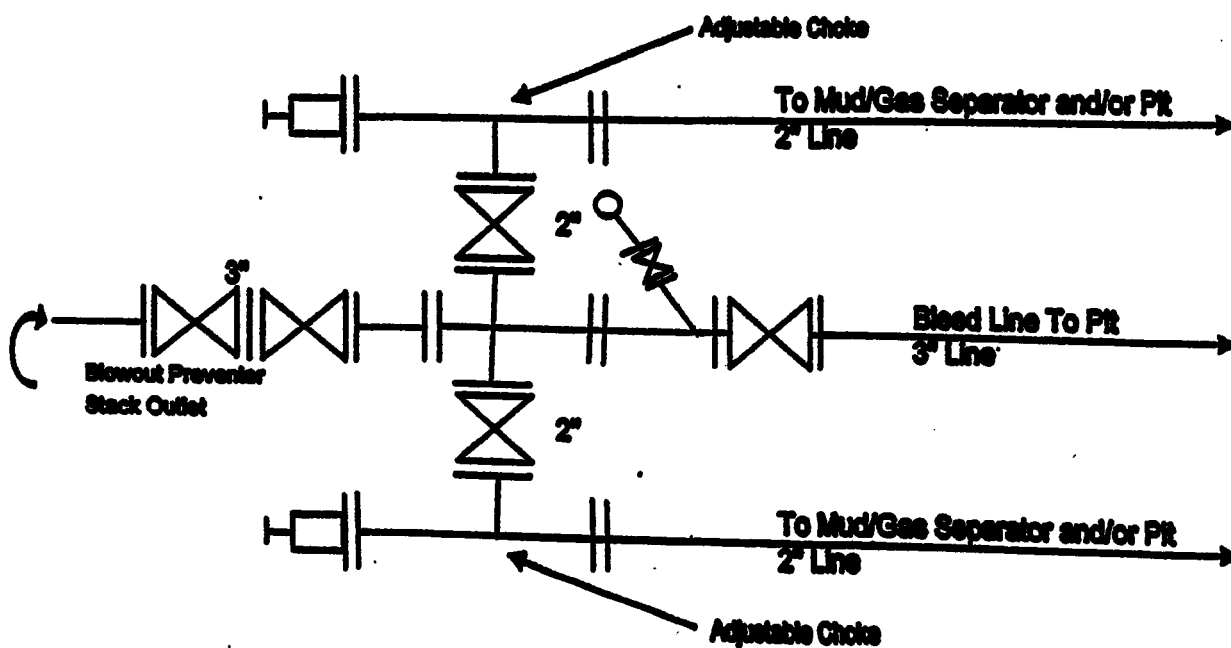
The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc. A 2M system will be utilized. The attached diagram depicts the use of an annular in conjunction with double rams. However, an annular, double rams or both may be used depending on the drilling rig contracted. Chart recorders will be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to representative upon request.

# BOP Diagram



## 2,000 PSI Choke Manifold Equipment



The anticipated bottom hole pressure will be less than 3,000 psi.

<u>Depth Intervals</u>	<u>BOP Equipment</u>
0 – 300'	No Pressure Control
300 – 6200'	9" 2000# Ram Type BOP 9" 2000# Annular BOP

#### 4 Proposed Casing and Cementing Program

The proposed Casing Program will be as follows:

<u>Purpose</u>	<u>Depth</u>	<u>Hole Size</u>	<u>Casing Size</u>	<u>Type</u>	<u>Connection</u>	<u>Weight</u>
Surface	300'	12 ¼"	8-5/8"	J-55	ST&C	24#
Production	6200'	7-7/8"	5-1/2"	J-55	LT&C	15.5#
<u>Surface</u>	<u>Fill</u>	<u>Type &amp; Amount</u>				

**SEE ATTACHED CEMENT PROCEDURES**

<u>Production</u>	<u>Type &amp; Amount</u>
-------------------	--------------------------

**SEE ATTACHED CEMENT PROCEDURES**

For production casing, actual cement volumes will be determined from the caliper log plus a minimum of 25% excess.

#### 5 Drilling Fluids Program

<u>Interval</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>	<u>Remarks</u>
0' – 300'	8.6	27	NC	Spud Mud or air
300'-6200'	8.6	27	NC	KCL Water

**Berry Petroleum Company will use either or a Manual or Electronic Drilling Fluid Monitoring system on all well sites.**

Berry Petroleum Company  
Drilling Program  
LC Tribal 3-22D-46  
Duchesne County, Utah  
Page Three

## **6 Evaluation Program**

Logging Program:	HRI-GR-SP with SDL-DSN-PE: surface casing to TD. Preserve samples from all show intervals.
Sampling:	10' dry cut samples: Douglas Creek to TD. Preserve samples From all show intervals.
Surveys:	As deemed necessary
Mud Logger:	As deemed necessary
Drill Stem Tests:	As deemed necessary
Cores:	As deemed necessary

## **7 Abnormal Conditions**

No abnormal temperatures or pressures or other hazards are anticipated.

## **8 Anticipated Starting Dates and Notification of Operations**

Drilling Activity:

Anticipated Commencement Date:	Upon approval of the APD.
Drilling Days:	Approximately 6 days.
Completion Days:	Approximately 7 days.

**BERRY PETROLEUM COMPANY**

**LC Tribal 3-22D-46**

Surface location NE 1/4, NW 1/4, 1053' FNL, 1837' FWL, Section 22, T. 4 S., R. 6 W., U.S.B.&M.

**BHL: NE 1/4, NW 1/4, 548' FNL 2021' FWL**

**Duchesne County, Utah**

**ONSHORE ORDER NO. 1**

**MULTI POINT SURFACE USE & OPERATIONS PLAN**

**1 Existing Roads**

To reach the Berry Petroleum Company well, LC Tribal 3-22D-46, in Section 22-T4S-R6W:

Start in Duchesne, Utah. Proceed southwest 3.5 miles on US Highway 191. Turn west and proceed west then south 6.6 miles. Turn south on the existing 2 track road and proceed 0.7 miles to the LC Tribal 3-22D-46 location.

The existing oilfield service road may need some surface material to prevent or repair holes in the road due to heavy truck traffic during the drilling and completion operation. If repairs are made the operator will secure material from private sources.

Please see the attached map for additional details.

**2 Planned Access Road**

See Topographic Map "B" for the location of the proposed access road.

**3 Location of Existing Wells**

See Topographic Map "C" for the location of existing wells within a 1 mile radius.

**4 Location of Tank Batteries, Production Facilities and Production Gathering and Service Lines**

All permanent (on site for six months or longer) structures constructed or installed will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the five state Rocky Mountain Inter-Agency Committee. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The required paint color is desert brown (10YR 6/4) unless otherwise designated by the Authorized Officer.

A containment dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks). This dike will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank. The site specific APD will address additional capacity if such is needed due to environmental concerns. The use of topsoil for the construction of dikes will not be allowed. If a Spill Prevention, Control, and Countermeasure (SPCC) Plan is required by the Environmental Protection Agency, the containment dike may be expanded with the Authorized Agency Officer's approval to meet SPCC requirements.



A description of the proposed pipeline and a map illustrating the proposed route is attached.

All site security guidelines identified in Federal regulation 43 CFR 3126.7, will be adhered to. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease production will have prior written approval from the Authorized Agency Officer.

Gas meter runs will be located approximately 100 feet from the wellhead. Where necessary, the gas line will be anchored down from the wellhead to the meter.

## **5 Location and Type of Water Supply**

*Water for the drilling and completion will be pumped or trucked from the Berry source wells located in Sec. 23, T5S, R5W or Sec. 24, T5S, R5W, permit # 43-11041, or from Douglas E. & Yordis Nielsen source well located in Sec. 12, T5S, R6W, permit # 43-1628, or from Duchesne City Culinary Water Dock located in Sec. 1, T4S, R5W or from East Duchesne Water, Arcadia Feedlot, Sec. 28, T3S, R3W or from Petroglyph Operating Company 08-04 Waterplant, Sec. 8, T5S, R3W.*

## **6 Source of Construction Materials**

All construction materials for this location site and access road shall be borrow material accumulated during construction of the location site and access road.

Additional gravel or pit lining material will be obtained from a private source.

The use of materials under Authorized Agency jurisdiction will conform with 43 CFR 3610.2-3.

## **7 Methods of Handling Waste Materials**

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be used at the next drill site or will be removed and disposed of at an approved waste disposal facility within 180 days after drilling is terminated. Upon well completion, weather permitting (summer months), any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

Unless otherwise specified, the reserve pit will be constructed on the location and will not be located within natural drainages, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids.

If it is determined at the onsite that a pit liner is necessary, the reserve pit will be lined with a synthetic reinforced liner a minimum of 12 millimeters thick, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. Trash or scrap that could puncture the liner will not be disposed of in the pit.

Reserve pit leaks are considered an unacceptable and undesirable event and will be orally reported to the Authorized Agency Officer.

After first production, produced wastewater will be trucked to one of the following approved waste water disposal sites: R.N. Industries, Inc. Sec. 4, T2S, R2W, Bluebell; MC & MC Disposal Sec. 12, T6S, R19E, Vernal; LaPoint Recycle & Storage Sec. 12, T5S, R19E, LaPoint or Water Disposal Inc. Sec. 32, T1S, R1W, Roosevelt, used in the operations of the field or, unless prohibited by the Authorized Officer, confined to the approved pit or storage tank for a period not to exceed 90 days. The use of such pit is hereby approved as part of this Application for Permit to Drill.

Production fluids will be contained in leak-proof tanks. All production fluids will be disposed of at approved disposal sites. Produced water, oil, and other byproducts will not be applied to roads or well pads for control of dust or weeds. The indiscriminate dumping of produced fluids on roads, well sites, or other areas will not be allowed.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

A chemical portable toilet will be furnished with the drilling rig.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. Trash will not be burned on location.

All debris and other waste materials not contained in the trash cage will be cleaned up and removed from the location promptly after removal of the completion rig (weather permitting).

Any open pits will be fenced during the operations. The fencing will be maintained with best efforts until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of wells. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of wells within these areas.

## **8 Ancillary Facilities**

There are no ancillary facilities planned for at this time and none are foreseen in the future.

## **9 Wellsite Layout**

The attached Location Layout diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, pipe racks, trailer parking, spoil dirt stockpile(s) and surface material stockpile(s)

## **10 Plans for Restoration of the Surface**

The dirt contractor will be provided with approved copies of the Surface Use Plan prior to construction activities.

Upon well completion, within a reasonable time, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production.

Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions may include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and the re-establishment of vegetation as specified.

All disturbed areas will be re-contoured to the approximate natural contours.

Any drainage rerouted during the construction activities shall be restored to its original line of flow or as near as possible.

Prior to backfilling the reserve pit, the fence surrounding the reserve pit will be removed. The pit liner will be folded, torn, and perforated after the pit dries and prior to backfilling the reserve pit.

Before any dirt work associated with reserve pit restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations. The reserve pit will be reclaimed within 180 days from the date of well completion, weather permitting. Once reclamation activities have begun, the activities will be completed within 30 days.

After the reserve pit has been reclaimed, no depressions in the soil covering the reserve pit will be allowed. The object is to keep seasonal rainfall and runoff from seeping into the soil used to cover the reserve pit. Diversion ditches and water bars will be used to divert runoff as needed.

Prior to the construction of the location, the top 12 inches of soil material (if present) will be stripped and stockpiled. Placement of the topsoil is noted on the location plat attached. Topsoil shall be stockpiled separately from subsoil materials. Topsoil salvaged from the reserve pit shall be stockpiled separately near the reserve pit.

When restoration activities have been completed, the location site and new access road cuts and shoulders shall be reseeded. Prior to reseeding, all disturbed areas, including the old access road, will be scarified and left with a rough surface.

The Authorized Agency Officer shall be contacted for the required seed mixture. Seed will be broadcast and the amount of seed mixture per acre will be doubled. The seeded area will then be "walked" with a dozer to assure coverage of the seeds. The seed mixture will reflect the recommendation from the Archeology study done.

At final abandonment, all casing shall be cut off at the base of the cellar or 3 feet below final restored ground level, whichever is deeper, and cap the casing with a metal plate a minimum of

0.25 inches thick. The cap will be welded in place and the well location and identity will be permanently inscribed on the cap. The cap also will be constructed with a weep hole.

**11 Surface Ownership**

Ute Indian Tribe

**12 Other information**

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

The operator will control noxious weeds along access road use authorizations, pipeline route authorizations, well sites or other applicable facilities. A list of noxious weeds may be obtained from the Authorized Agency or the appropriate County Extension Office.

Drilling rigs and/or equipment used during drilling operations on this location will not be stacked or stored on administered lands after the conclusion of drilling operations or at any other time without authorization by the Authorized Agency Officer. If authorization is obtained, such storage is only a temporary measure.

Travel is restricted to only approved travel routes.

A class III archaeological survey will be conducted on all lands, unless landowner waives rights for archaeological survey. All personnel will refrain from collecting artifacts and from disturbing any significant cultural resources in the area. The operator is responsible for informing all persons in the area who are associated with this project that they may be subject to prosecution for knowingly disturbing historic or archaeological sites or for collecting artifacts. All vehicular traffic, personnel movement, construction, and restoration activities shall be confined to the areas examined, as referenced in the archaeological report, and to the existing roadways and/or evaluated access routes. If historic or archaeological materials are uncovered during construction, the Operator is to immediately stop work that might further disturb such materials and contact the Authorized Agency Officer.

Within five working days, the Authorized Agency Officer will inform the operator as to:

Whether the materials appear eligible for the National Historic Register of Historic Places;

The mitigation measures the operator will likely have to undertake before the site can be used (assuming in-situ preservation is not necessary); and,

The time frame for the Authorized Officer to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the Authorized Officer are correct and that the mitigation measures are appropriate.

If the operator wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the Authorized Agency Officer and/or the surface owner will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise the operator will be responsible for mitigation costs. The Authorized Agency Officer and/or the surface owner will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the Authorized Agency Officer that required mitigation has been completed, the Operator will then be allowed to resume construction.

All Surface Use Conditions of Approval associated with the Landowner Surface Use Agreement and Environmental Analysis Mitigation Stipulations will be adhered to.

All well site locations will have appropriate signs indicating the name of the operator, the lease serial number, the well name and number, the survey description of the well (either footages or the quarter/quarter section, the section, township, and range).

**13 Operator's Representative and Certification**

A) Representative

NAME: Shelley E. Crozier

ADDRESS: Berry Petroleum Company  
4000 South 4028 West  
Route 2, Box 7735  
Roosevelt, Utah 84066

PHONE: 435-722-1325

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations and onshore oil and gas orders. The operator is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

The drilling permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

**B) Certification:**

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge and belief, true and correct; and that the work associated with the operations proposed herein will be performed by Berry Petroleum Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

June 4, 2007  
DATE

Shelley E. Crozier  
Shelley E. Crozier  
Regulatory & Permitting Specialist  
Berry Petroleum Company

## APPLICATION FOR GRANT OF CORRIDOR RIGHT-OF-WAY

**BERRY PETROLEUM COMPANY**, having a resident or principal place of business at **Route 2 Box 7735, Roosevelt, Utah, 84066**, hereby files an application with the Bureau of Indian Affairs, pursuant to the terms and provisions of the Act of February 5, 1948 (62 Stat. 17; 25 U.S.C. 323), and to the regulations of the Department of the Interior contained in Title 25, Code of Federal Regulations, Part 169, for the grant of a Right-of-Way for the following purposes and reasons:

To construct a Drill Site & Road Right-of-Way for the LC Tribal #3-22D-46

Across the following described Indian Lands. NE 1/4 NW 1/4 OF SECTION 22, T4S, R6W, U.S.B.&M.

Drill Site = 1.993 Ac.

**4" to 6" SDR-11 POLY PIPELINE**

Road R-O-W = 0.059 Ac.

Total Acreage = 2.052 Acres

Said Right-of-Way to be approximately 85.33 feet in length, 30 feet in width, and 0.059 Acres, and more particularly described and shown on the map of definite location to be attached and made a part hereof.

The applicant understands and hereby expressly agrees to the following stipulations:

- (a) To construct and maintain the Right-of-Way in a workmanlike manner.
- (b) To pay promptly all damages and compensation, in addition to the deposit made pursuant to 169.4 determined by the Secretary to be due the landowners and authorized users and occupants of the land on account of the survey, granting, construction and maintenance of the Right-of-Way.
- (c) To indemnify the landowners and authorized users and occupants against any liability for loss of life, personal injury and property damage arising from the construction, maintenance, occupancy or use of the lands by the applicant, his employees, contractors and their employees or subcontractors and their employees.
- (d) To restore the lands as nearly as may be possible to their original condition upon the completion of the construction to the extent compatible with the purpose for which the Right-of-Way was granted.
- (e) To clear and keep clear the lands within the Right-of-Way to the extent compatible with the purpose of the Right-of-Way; and to dispose of all vegetative and other material cut, uprooted, or otherwise accumulated during the construction and maintenance of the project.
- (f) To take soil and resource conservation and protection measures, including weed control, on the land covered by the Right-of-Way.
- (g) To do everything reasonable within its power to prevent and suppress fires on or near the lands to be occupied under the Right-of-Way.

- (h) To build and repair such roads, fences, and trails as may be destroyed or injured by construction work and to build and maintain necessary and suitable crossings for all roads and trails that intersect the works constructed, maintained, or operated under the Right-of-Way.
- (I) That upon revocation or termination of the Right-of-Way, the applicant shall, so far as is reasonably possible, restore the land to its original condition.
- (j) To at all times keep the Secretary informed of its address, and in case of corporations of the address of its principal officers.
- (k) That the applicant will not interfere with the use of the lands by or under the authority of the landowners for any purpose not inconsistent with the primary purpose for which the Right-of-Way is granted.

IN WITNESS THEREOF, BERRY PETROLEUM COMPANY. has caused this instrument to be executed this 12 day of Feb., 2007.

Rebecca Bingham  
WITNESS

**BERRY PETROLEUM COMPANY**  
APPLICANT

Amy Henline  
WITNESS

Ed Courtright  
Ed Courtright/Production Supervisor  
Route 2 Box 7735  
Roosevelt, Utah 84066  
Phone:(435)722-1325

SUPPORTING DOCUMENTS:

- ( ) Written consent of the landowners.
- ( ) Evidence of good faith and financial responsibility.
- (x) \$0 as per the terms of the Exploration and Development Agreement (14-20-H62-5500)
- ( ) State certified copy of corporate charter or articles of corporation.
- ( ) Certified copy of resolution or bylaws of the corporation authorizing the filing of the stipulation
- ( ) State certification that the applicant is authorized to do business in the State where the land is located.
- ( ) Certified copy of the articles of partnership or association.
- (x) Map of definite location.
- ( ) Other:



**BERRY PETROLEUM COMPANY**  
**LC TRIBAL #3-22D-46**  
**DAMAGE AREA & ROAD RIGHT-OF-WAY**  
**SECTION 22, T4S, R6W, U.S.B.&M.**

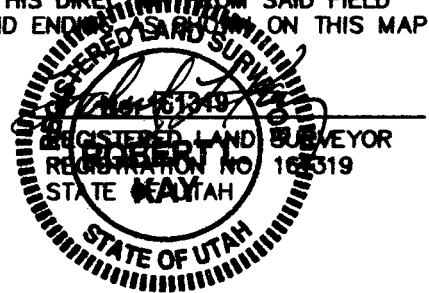
**TOTAL ROAD RIGHT-OF-WAY ON UTE TRIBAL LANDS**

TOTAL LENGTH OF RIGHT-OF-WAY IS 85.33' OR 0.016 MILES. WIDTH OF RIGHT-OF-WAY IS 30' (15' PERPENDICULAR ON EACH SIDE OF THE CENTERLINE). CONTAINS 0.059 ACRES MORE OR LESS.

**ENGINEER'S AFFIDAVIT**

STATE OF UTAH        }  
COUNTY OF UTAH    } SS

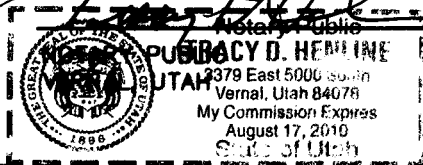
ROBERT L. KAY, BEING FIRST DULY SWORN DEPOSES AND STATES THAT HE IS THE REGISTERED LAND SURVEYOR, FOR BERRY PETROLEUM COMPANY, THAT THESE SURVEYS WERE MADE BY HIM (OR UNDER HIS SUPERVISION): THAT HE HAS EXAMINED THE FIELD NOTES OF THE SURVEYS OF THE DAMAGE AREA AND ROAD RIGHT-OF-WAY AS DESCRIBED AND SHOWN ON THIS MAP, THAT THIS MAP WAS PREPARED UNDER HIS DIRECTION FROM SAID FIELD NOTES; AND THAT SAID RIGHT-OF-WAY, 0.016 MILES IN LENGTH BEGINNING AND ENDING AS SHOWN ON THIS MAP IS ACCURATELY REPRESENTED.



**ACKNOWLEDGEMENT**

SUBSCRIBED AND SWORN BEFORE ME THIS 12 DAY OF Feb 2007.

MY COMMISSION EXPIRES Aug 17, 2010



**APPLICANT'S CERTIFICATE**

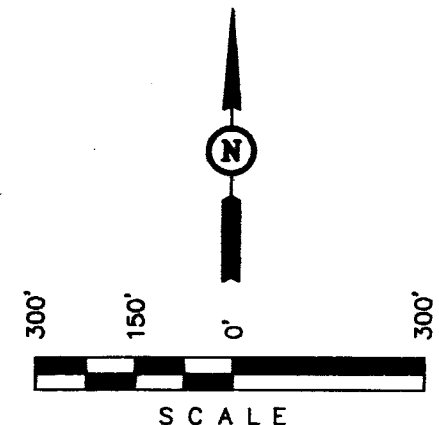
I, ED COURTRIGHT, DO HEREBY CERTIFY THAT I AM THE AGENT FOR BERRY PETROLEUM COMPANY, HEREINAFTER DESIGNATED THE APPLICANT; THAT ROBERT L. KAY WHO SUBSCRIBED TO THE FOREGOING AFFIDAVIT, IS EMPLOYED BY THE APPLICANT AS A LAND SURVEYOR AND THAT HE WAS DIRECTED BY THE APPLICANT TO SURVEY THE LOCATION OF THIS DAMAGE AREA AND ROAD RIGHT-OF-WAY, 0.016 MILES IN LENGTH BEGINNING AT STA. 0+00 AND ENDING AT STA. 0+85.33, THAT SAID DAMAGE AREA AND ROAD RIGHT-OF-WAY ARE ACCURATELY REPRESENTED ON THIS MAP; THAT SUCH SURVEY AS REPRESENTED ON THIS MAP HAS BEEN ADOPTED BY THE APPLICANT AS THE DEFINITE LOCATION OF THE RIGHT-OF-WAY THEREBY SHOWN; AND THAT THE MAP HAS BEEN PREPARED TO BE FILED WITH THE SECRETARY OF THE INTERIOR OR HIS DULY AUTHORIZED REPRESENTATIVE AS PART OF THE APPLICATION FOR SAID RIGHT-OF-WAY TO BE GRANTED THE APPLICANT, ITS SUCCESSORS AND ASSIGNS, WITH THE RIGHT TO CONSTRUCT, MAINTAIN, AND REPAIR IMPROVEMENTS, THEREON AND THEREOVER, FOR SUCH PURPOSES, AND WITH THE FURTHER RIGHT IN THE APPLICANT, ITS SUCCESSORS AND ASSIGNS TO TRANSFER THIS RIGHT-OF-WAY BY ASSIGNMENT, GRANT, OR OTHERWISE.

Ed Courtright  
APPLICANT

PRODUCTION SUPERVISOR  
\_\_\_\_\_  
TITLE

BERRY PE. OLEUM COMPANY  
LOCATION DAMAGE AREA &  
ROAD RIGHT-OF-WAY ON  
UTE TRIBAL LANDS

(For LC TRIBAL #3-22D-46)  
LOCATED IN  
SECTION 22, T4S, R6W, U.S.B.&M.,  
DUCESNE COUNTY, UTAH

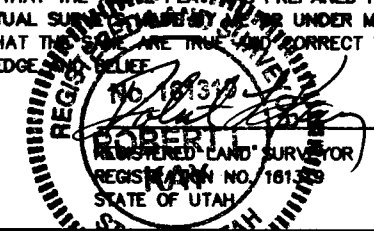


BASIS OF BEARINGS  
BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

DAMAGE AREA DESCRIPTION

BEGINNING AT A POINT IN THE NE 1/4 NW 1/4 OF SECTION 22, T4S, R6W, U.S.B.&M., WHICH BEARS S44°45'44"W 1243.07' FROM THE NORTH 1/4 CORNER OF SAID SECTION 22, THENCE N61°36'26"E 118.65'; THENCE S28°23'34"E 350.00'; THENCE S61°36'26"W 260.00'; THENCE N28°23'34"W 230.00'; THENCE N01°51'49"E 138.92'; THENCE N61°36'26"E 71.35' TO THE POINT OF BEGINNING. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 1.993 ACRES MORE OR LESS.

CERTIFICATE  
THIS IS TO CERTIFY THAT THE ABOVE MAP WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEY MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



UNTAN ENGINEERING & LAND SURVEYING 85 SOUTH - 200 EAST • (435) 789-1017 VERNAL, UTAH - 84078	
SCALE 1" = 300'	DATE 02-09-07
PARTY S.H. T.P. P.M.	REFERENCES G.L.O. PLAT
WEATHER COLD	FILE 4 8 2 2 3

Section Line N89°01'04"W - 2642.92' (Meas.)

Set Stone,  
Pile of Stones

Set Marked Stone,  
Wooden Post, Lath

NOTE:

BEGINNING STA. 0+00 BEARS S48°22'19"W 1274.60' FROM THE NORTH 1/4 CORNER OF SECTION 22, T4S, R6W, U.S.B.&M.

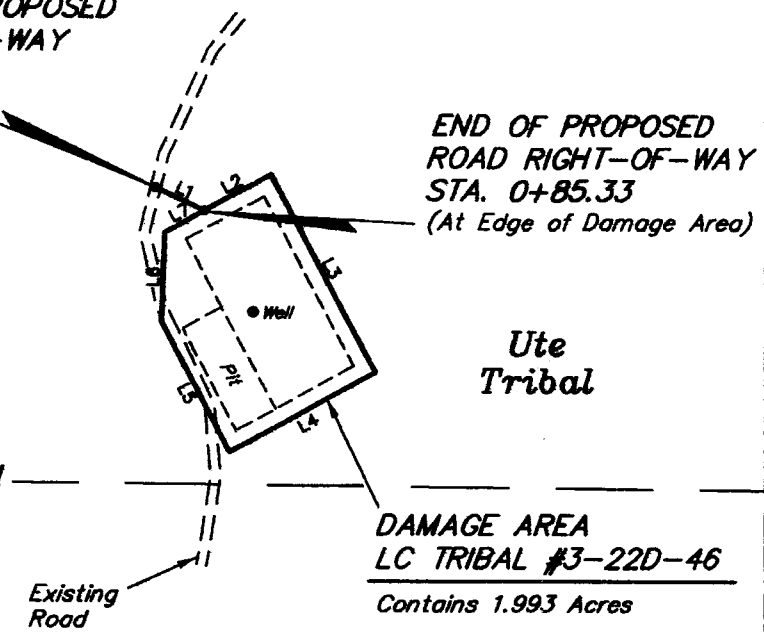
END STA. 0+85.33 BEARS S44°45'44"W 1243.07' FROM THE NORTH 1/4 CORNER OF SECTION 22, T4S, R6W, U.S.B.&M.

RIGHT-OF-WAY LENGTHS			
PROPERTY OWNER	FEET	ACRES	RODS
UTE TRIBAL	85.33	0.059	5.17

LINE TABLE		
LINE	BEARING	LENGTH
L1	S65°06'28"E	85.33'
L2	N61°36'26"E	118.65'
L3	S28°23'34"E	350.00'
L4	S61°36'26"W	260.00'
L5	N28°23'34"W	230.00'
L6	N01°51'49"E	138.92'
L7	N61°36'26"E	71.35'

BEGINNING OF PROPOSED  
ROAD RIGHT-OF-WAY  
STA. 0+00  
(At Existing Road)

END OF PROPOSED  
ROAD RIGHT-OF-WAY  
STA. 0+85.33  
(At Edge of Damage Area)



ROAD RIGHT-OF-WAY DESCRIPTION

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT IN THE NE 1/4 NW 1/4 OF SECTION 22, T4S, R6W, U.S.B.&M., WHICH BEARS S48°22'19"W 1274.60' FROM THE NORTH 1/4 CORNER OF SAID SECTION 22, THENCE S65°06'28"E 85.33' TO A POINT IN THE NE 1/4 NW 1/4 OF SAID SECTION 22, WHICH BEARS S44°45'44"W 1243.07' FROM THE NORTH 1/4 CORNER OF SAID SECTION 22. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 0.059 ACRES MORE OR LESS.

▲ = SECTION CORNERS LOCATED.



Proposal No: 1001103544A

**Berry Petroleum Co**  
LC Tribal 3-22D-46

22 T4S R6W  
Duchesne County, Utah  
May 20, 2007

**Cement Recommendation**

**Prepared for:**

Tim McDonald  
Berry Petroleum Co.

**Prepared by:**

WESLEY D COOK  
District Technical Supervisor  
Vernal, Utah  
Bus Phone: (435)781-2294  
Mobile: (435)828-4121



POWERVISION®

POWERPRO • POWERTRAX • POWERLINK

**Service Point:**

Vernal  
Bus Phone: (435) 781-2294  
Fax: (435) 789-4530

**Service Representatives:**

Darrin Bailey  
Senior Sales Rep  
Vernal, Utah  
Bus Phone: (435) 781-2294

**Operator Name:** Berry Petroleum Co  
**Well Name:** LC Tribal 3-22D-46  
**Job Description:** Cement 5-1/2 inch Production Casing  
**Date:** May 20, 2007



**Proposal No:** 1001103544A

## **JOB AT A GLANCE**

<b>Depth (TVD)</b>	6,175 ft
<b>Depth (MD)</b>	6,216 ft
<b>Hole Size</b>	7.875 in
<b>Casing Size/Weight :</b>	5 1/2 in, 15.5 lbs/ft
<b>Pump Via</b>	5 1/2" O.D. (4.950" I.D) 15.5
<b>Total Mix Water Required</b>	7,768 gals
<b>Pre-Flush</b>	
<b>Fresh Water</b>	10 bbls
<b>Density</b>	8.3 ppg
<b>Spacer</b>	
<b>KCl Water</b>	10 bbls
<b>Density</b>	8.4 ppg
<b>Spacer</b>	
<b>Fresh Water</b>	20 bbls
<b>Density</b>	8.3 ppg
<b>Lead Slurry</b>	
<b>PL2+SF+3#CSE+3%KCL+0.25</b>	257 sacks
<b>Density</b>	11.0 ppg
<b>Yield</b>	3.46 cf/sack
<b>Tail Slurry</b>	
<b>50:50:2+3%KCL+0.5%EC-</b>	417 sacks
<b>Density</b>	14.3 ppg
<b>Yield</b>	1.27 cf/sack
<b>Displacement</b>	
<b>Fresh Water</b>	147 bbls
<b>Density</b>	8.3 ppg

**Operator Name:** Berry Petroleum Co  
**Well Name:** LC Tribal 3-22D-46  
**Job Description:** Cement 5-1/2 inch Production Casing  
**Date:** May 20, 2007



**Proposal No:** 1001103544A

## WELL DATA

### ANNULAR GEOMETRY

ANNULAR I.D. (in)	DEPTH(ft)	
	MEASURED	TRUE VERTICAL
8.097 CASING	342	342
7.875 HOLE	6,216	6,175

### SUSPENDED PIPES

DIAMETER (in)		WEIGHT (lbs/ft)	DEPTH(ft)	
O.D.	I.D.		MEASURED	TRUE VERTICAL
5.500	4.950	15.5	6,216	6,175

Float Collar set @	6,176 ft
Mud Density	8.40 ppg
Mud Type	Water Based
Est. Static Temp.	145 ° F
Est. Circ. Temp.	115 ° F

### VOLUME CALCULATIONS

342 ft	x	0.1926 cf/ft	with	0 % excess	=	65.9 cf
3,758 ft	x	0.1733 cf/ft	with	27 % excess	=	824.5 cf
2,116 ft	x	0.1733 cf/ft	with	42 % excess	=	522.4 cf
40 ft	x	0.1336 cf/ft	with	0 % excess	=	5.3 cf (inside pipe)
<b>TOTAL SLURRY VOLUME</b>					=	1418.1 cf
					=	253 bbls

Confirm well data with customer representative prior to pumping.

**Operator Name:** Berry Petroleum Co  
**Well Name:** LC Tribal 3-22D-46  
**Job Description:** Cement 5-1/2 inch Production Casing  
**Date:** May 20, 2007



**Proposal No:** 1001103544A

## FLUID SPECIFICATIONS

Pre-Flush	10.0 bbls Fresh Water @ 8.34 ppg
Spacer	10.0 bbls KCl Water @ 8.4 ppg
Spacer	20.0 bbls Fresh Water @ 8.34 ppg

<u>FLUID</u>	<u>VOLUME CU-FT</u>	<u>VOLUME FACTOR</u>	<u>AMOUNT AND TYPE OF CEMENT</u>
Lead Slurry	890	/ 3.4	= 257 sacks Premium Lite II Cement + 0.05 lbs/sack Static Free + 3% bwow Potassium Chloride + 0.25 lbs/sack Cello Flake + 5 lbs/sack Kol Seal + 0.002 gps FP-6L + 10% bwoc Bentonite + 0.5% bwoc Sodium Metasilicate + 3 lbs/sack CSE-2 + 201.6% Fresh Water
Tail Slurry	528	/ 1.2	= 417 sacks (50:50) Poz (Fly Ash):Class G Cement + 0.05 lbs/sack Static Free + 3% bwow Potassium Chloride + 0.5% bwoc EC-1 + 0.25 lbs/sack Cello Flake + 0.002 gps FP-6L + 2% bwoc Bentonite + 0.3% bwoc Sodium Metasilicate + 56.3% Fresh Water

Displacement 147.0 bbls Fresh Water @ 8.34 ppg

## **CEMENT PROPERTIES**

	<b>SLURRY NO. 1</b>	<b>SLURRY NO. 2</b>
Slurry Weight (ppg)	11.00	14.30
Slurry Yield (cf/sack)	3.46	1.27
Amount of Mix Water (gps)	21.03	5.67
Amount of Mix Fluid (gps)	21.03	5.67
Estimated Pumping Time - 70 BC (HH:MM)	4:30	3:30
<b>COMPRESSIVE STRENGTH</b>		
24 hrs @ 144 ° F (psi)		2300
72 hrs @ 144 ° F (psi)		2550

Compressive strengths and thickening times are estimates only. Final laboratory testing will determine retarder loadings, if necessary.

Slurry volumes are based off of 25% excess with gauge hole.



## CONDITIONS

**BJ Services' performance of services and sale of materials is expressly conditioned upon the applicability of the Terms and Conditions contained in the current BJ Services Price Book.** The Terms and Conditions include, among other things, an indemnity in favor of BJ Services from Customer for damage to the well bore, reservoir damage, loss of the hole, blowouts and loss of control of the well, even if caused by the negligence or other fault of BJ Services. The Terms and Conditions also limit the warranties provided by the BJ Services and the remedies to which Customer may be entitled in the event of a breach of warranty by BJ Services. For these reasons, we strongly recommend that you carefully review a copy of the Terms and Conditions. **If you do not have a copy of the BJ Services Price Book, you can view the Terms and Conditions on BJ Services Web Site, [www.bjservices.com](http://www.bjservices.com).** By requesting that BJ Services perform the services described herein, Customer acknowledges that such Terms and Conditions are applicable to the services. Further, by requesting the services, Customer warrants that its representative on the well location or other service site will be fully authorized to acknowledge such Terms and Conditions by executing a Field Receipt or other document presented by BJ Services containing such Terms and Conditions.

In the event that Customer and BJ Services have executed a Master Services Agreement covering the work to be performed, such Master Services Agreement shall govern in place of the Terms and Conditions. If you are interested in entering into Master Services Agreement with BJ Services, please contact us through the "Go BJ" button on the BJ Services Web Site.

**Operator Name:** Berry Petroleum Co  
**Well Name:** LC Tribal 3-22D-46  
**Date:** May 20, 2007



**Proposal No:** 1001103544A

## **PRODUCT DESCRIPTIONS**

### **Bentonite**

Commonly called gel, it is a clay material used as a cement extender and to control excessive free water.

### **CSE-2**

An additive which contributes to low density, high compressive strength development of cement slurries at all temperature ranges. This material also controls free water without the need for standard extenders.

### **Cello Flake**

Graded (3/8 to 3/4 inch) cellophane flakes used as a lost circulation material.

### **Class G Cement**

Intended for use as a basic cement from surface to 8000 ft as manufactured, or can be used with accelerators and retarders to cover a wide range of well depths and temperatures.

### **EC-1**

A proprietary product that provides expansive properties and improves bonding at low to moderate temperatures.

### **FP-6L**

A clear liquid that decreases foaming in slurries during mixing.

### **Kol Seal**

A granular, lightweight material (specific gravity of 1.3) used to control lost circulation in zones of natural and induced fractures, cavities and high permeability.

### **Potassium Chloride**

A granular salt used to reduce clay swelling caused by water-base stimulation fluids.

### **Potassium Chloride**

A granular salt used to reduce clay swelling caused by water-base cementing fluids.

### **Poz (Fly Ash)**

A synthetic pozzolan, (primarily Silicon Dioxide). When blended with cement, Pozzolan can be used to create lightweight cement slurries used as either a filler slurry or a sulfate resistant completion cement.

### **Premium Lite II Cement**

Premium Lite II is a high-yield, cost effective lightweight cement blend that provides exceptional compressive strength and reduced permeability when mixed at low slurry weights.

### **Sodium Metasilicate**

An accelerator used to decrease the thickening time of cement slurries.

### **Sodium Metasilicate**

An extender used to produce an economical, low density cement slurry.

### **Static Free**

An anti-static additive used to prevent air entrainment due to agglomerated particles. Can be used in Cementing and Fracturing operations to aid in the flow of dry materials.



**Operator Name:** Berry Petroleum Co  
**Well Name:** LC Tribal 3-22D-46  
**Date:** May 20, 2007



**Proposal No:** 1001103544A

---

**End of Report**



Proposal No: 1001103545A

**Berry Petroleum Co**  
LC Tribal 3-22D-46

22 T4S R6W  
Duchesne County, Utah  
May 20, 2007

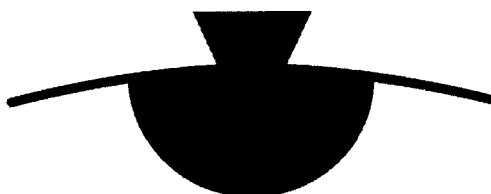
**Cement Recommendation**

**Prepared for:**

Tim McDonald  
Berry Petroleum Co.

**Prepared by:**

WESLEY D COOK  
District Technical Supervisor  
Vernal, Utah  
Bus Phone: (435)781-2294  
Mobile: (435)828-4121



**POWERVISION®**

POWERPRO • POWERTRAX • POWERLINK

**Service Point:**

Vernal  
Bus Phone: (435) 781-2294  
Fax: (435) 789-4530

**Service Representatives:**

Darrin Bailey  
Senior Sales Rep  
Vernal, Utah  
Bus Phone: (435) 781-2294

**Operator Name:** Berry Petroleum Co  
**Well Name:** LC Tribal 3-22D-46  
**Job Description:** Cement 5-1/2 inch Production Casing  
**Date:** May 20, 2007



**Proposal No:** 1001103545A

## **JOB AT A GLANCE**

<b>Depth (TVD)</b>	6,175 ft
<b>Depth (MD)</b>	6,216 ft
<b>Hole Size</b>	7.875 in
<b>Casing Size/Weight :</b>	5 1/2 in, 15.5 lbs/ft
<b>Pump Via</b>	5 1/2" O.D. (4.950" I.D) 15.5
<b>Total Mix Water Required</b>	8,151 gals
<b>Pre-Flush</b>	
<b>Fresh Water</b>	10 bbls
<b>Density</b>	8.3 ppg
<b>Spacer</b>	
<b>KCl Water</b>	10 bbls
<b>Density</b>	8.4 ppg
<b>Spacer</b>	
<b>Fresh Water</b>	20 bbls
<b>Density</b>	8.3 ppg
<b>Lead Slurry</b>	
<b>PL2+SF+3#CSE+3%KCL+0.25</b>	250 sacks
<b>Density</b>	11.0 ppg
<b>Yield</b>	3.46 cf/sack
<b>Tail Slurry</b>	
<b>PL II HS</b>	300 sacks
<b>Density</b>	13.0 ppg
<b>Yield</b>	1.92 cf/sack
<b>Displacement</b>	
<b>Fresh Water</b>	147 bbls
<b>Density</b>	8.3 ppg

**Operator Name:** Berry Petroleum Co  
**Well Name:** LC Tribal 3-22D-46  
**Job Description:** Cement 5-1/2 inch Production Casing  
**Date:** May 20, 2007



**Proposal No:** 1001103545A

## WELL DATA

### ANNULAR GEOMETRY

ANNULAR I.D. (in)	DEPTH(ft)	
	MEASURED	TRUE VERTICAL
8.097 CASING	342	342
7.875 HOLE	6,216	6,175

### SUSPENDED PIPES

DIAMETER (in)		WEIGHT (lbs/ft)	DEPTH(ft)	
O.D.	I.D.		MEASURED	TRUE VERTICAL
5.500	4.950	15.5	6,216	6,175

<b>Float Collar set @</b>	6,176 ft
<b>Mud Density</b>	8.40 ppg
<b>Mud Type</b>	Water Based
<b>Est. Static Temp.</b>	145 ° F
<b>Est. Circ. Temp.</b>	115 ° F

### VOLUME CALCULATIONS

342 ft	x	0.1926 cf/ft	with	0 % excess	=	65.9 cf
3,158 ft	x	0.1733 cf/ft	with	46 % excess	=	800.2 cf
2,716 ft	x	0.1733 cf/ft	with	21 % excess	=	569.7 cf
40 ft	x	0.1336 cf/ft	with	0 % excess	=	5.3 cf (inside pipe)
<b>TOTAL SLURRY VOLUME</b>					=	1441.2 cf
					=	257 bbls

Confirm well data with customer representative prior to pumping.

**Operator Name:** Berry Petroleum Co  
**Well Name:** LC Tribal 3-22D-46  
**Job Description:** Cement 5-1/2 inch Production Casing  
**Date:** May 20, 2007



**Proposal No:** 1001103545A

## **FLUID SPECIFICATIONS**

Pre-Flush	10.0 bbls Fresh Water @ 8.34 ppg
Spacer	10.0 bbls KCl Water @ 8.4 ppg
Spacer	20.0 bbls Fresh Water @ 8.34 ppg

<b><u>FLUID</u></b>	<b><u>VOLUME CU-FT</u></b>	<b><u>VOLUME FACTOR</u></b>	<b><u>AMOUNT AND TYPE OF CEMENT</u></b>
Lead Slurry	866	/ 3.4	= 250 sacks Premium Lite II Cement + 0.05 lbs/sack Static Free + 3% bwoc Potassium Chloride + 0.25 lbs/sack Cello Flake + 5 lbs/sack Kol Seal + 0.002 gps FP-6L + 10% bwoc Bentonite + 0.5% bwoc Sodium Metasilicate + 3 lbs/sack CSE-2 + 201.6% Fresh Water
Tail Slurry	575	/ 1.9	= 300 sacks Premium Lite II High Strength + 0.05 lbs/sack Static Free + 1% bwoc Calcium Chloride + 0.4% bwoc FL-63 + 0.25 lbs/sack Cello Flake + 2 lbs/sack Kol Seal + 0.002 gps FP-6L + 0.2% bwoc BA-59 + 92.5% Fresh Water
Displacement			147.0 bbls Fresh Water @ 8.34 ppg

## **CEMENT PROPERTIES**

	<b>SLURRY NO. 1</b>	<b>SLURRY NO. 2</b>
Slurry Weight (ppg)	11.00	13.00
Slurry Yield (cf/sack)	3.46	1.92
Amount of Mix Water (gps)	21.03	9.65
Amount of Mix Fluid (gps)	21.03	9.65
Estimated Pumping Time - 70 BC (HH:MM)	4:30	3:30
<b>COMPRESSIVE STRENGTH</b>		
24 hrs @ 144 ° F (psi)		2300
72 hrs @ 144 ° F (psi)		2550

Compressive strengths and thickening times are estimates only. Final laboratory testing will determine retarder loadings, if necessary.



## CONDITIONS

**BJ Services' performance of services and sale of materials is expressly conditioned upon the applicability of the Terms and Conditions contained in the current BJ Services Price Book. The Terms and Conditions include, among other things, an indemnity in favor of BJ Services from Customer for damage to the well bore, reservoir damage, loss of the hole, blowouts and loss of control of the well, even if caused by the negligence or other fault of BJ Services. The Terms and Conditions also limit the warranties provided by the BJ Services and the remedies to which Customer may be entitled in the event of a breach of warranty by BJ Services. For these reasons, we strongly recommend that you carefully review a copy of the Terms and Conditions. If you do not have a copy of the BJ Services Price Book, you can view the Terms and Conditions on BJ Services Web Site, [www.bjservices.com](http://www.bjservices.com). By requesting that BJ Services perform the services described herein, Customer acknowledges that such Terms and Conditions are applicable to the services. Further, by requesting the services, Customer warrants that its representative on the well location or other service site will be fully authorized to acknowledge such Terms and Conditions by executing a Field Receipt or other document presented by BJ Services containing such Terms and Conditions.**

**In the event that Customer and BJ Services have executed a Master Services Agreement covering the work to be performed, such Master Services Agreement shall govern in place of the Terms and Conditions. If you are interested in entering into Master Services Agreement with BJ Services, please contact us through the "Go BJ" button on the BJ Services Web Site.**

**Operator Name:** Berry Petroleum Co  
**Well Name:** LC Tribal 3-22D-46  
**Date:** May 20, 2007



**Proposal No:** 1001103545A

## **PRODUCT DESCRIPTIONS**

### **BA-59**

A free flowing powder which provides improved bonding and minimizes gas migration. Provides expansion properties and zero free water to cement slurries.

### **Bentonite**

Commonly called gel, it is a clay material used as a cement extender and to control excessive free water.

### **CSE-2**

An additive which contributes to low density, high compressive strength development of cement slurries at all temperature ranges. This material also controls free water without the need for standard extenders.

### **Calcium Chloride**

A powdered, flaked or pelletized material used to decrease thickening time and increase the rate of strength development.

### **Cello Flake**

Graded (3/8 to 3/4 inch) cellophane flakes used as a lost circulation material.

### **FL-63**

A non-retarding, non-viscosifying fluid loss additive particularly suited for use with coil tubing and/or close tolerance liner cementing. FL-63 is effective from low to high temperatures. Concentrations of 0.2% to 1.0% BWOC are typical.

### **FP-6L**

A clear liquid that decreases foaming in slurries during mixing.

### **Kol Seal**

A granular, lightweight material (specific gravity of 1.3) used to control lost circulation in zones of natural and induced fractures, cavities and high permeability.

### **Potassium Chloride**

A granular salt used to reduce clay swelling caused by water-base stimulation fluids.

### **Premium Lite II Cement**

Premium Lite II is a high-yield, cost effective lightweight cement blend that provides exceptional compressive strength and reduced permeability when mixed at low slurry weights.

### **Premium Lite II High Strength**

Premium Lite II High Strength is a high-yield, cost effective lightweight cement blend that provides exceptional compressive strength and reduced permeability when mixed at low slurry weights.

### **Sodium Metasilicate**

An accelerator used to decrease the thickening time of cement slurries.

### **Static Free**

An anti-static additive used to prevent air entrainment due to agglomerated particles. Can be used in Cementing and Fracturing operations to aid in the flow of dry materials.

**Operator Name:** Berry Petroleum Co  
**Well Name:** LC Tribal 3-22D-46  
**Date:** May 20, 2007

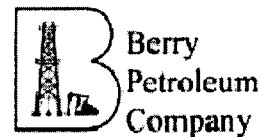
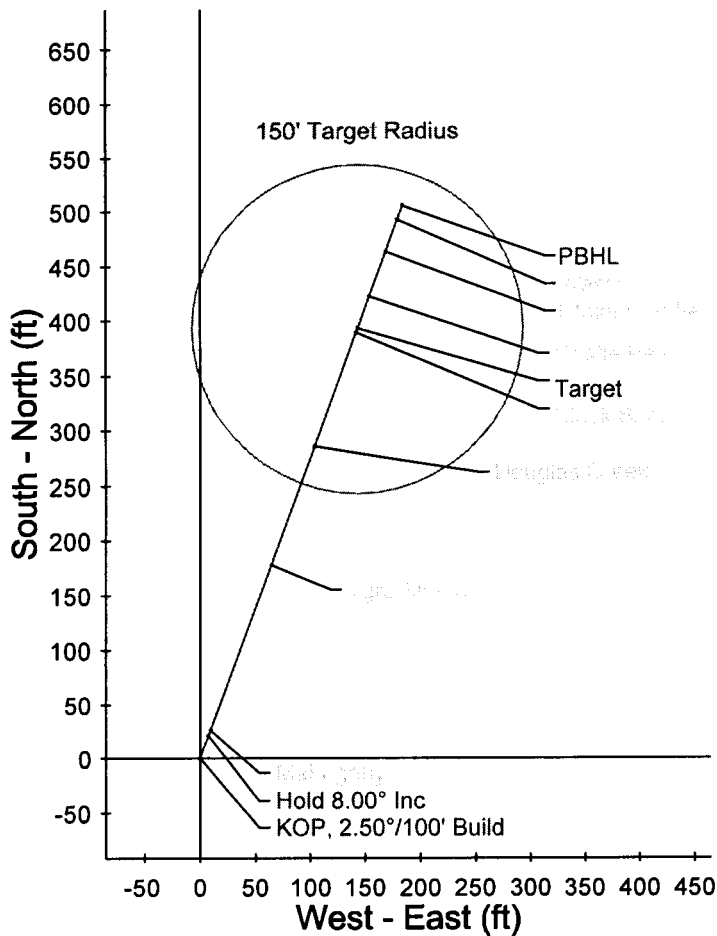
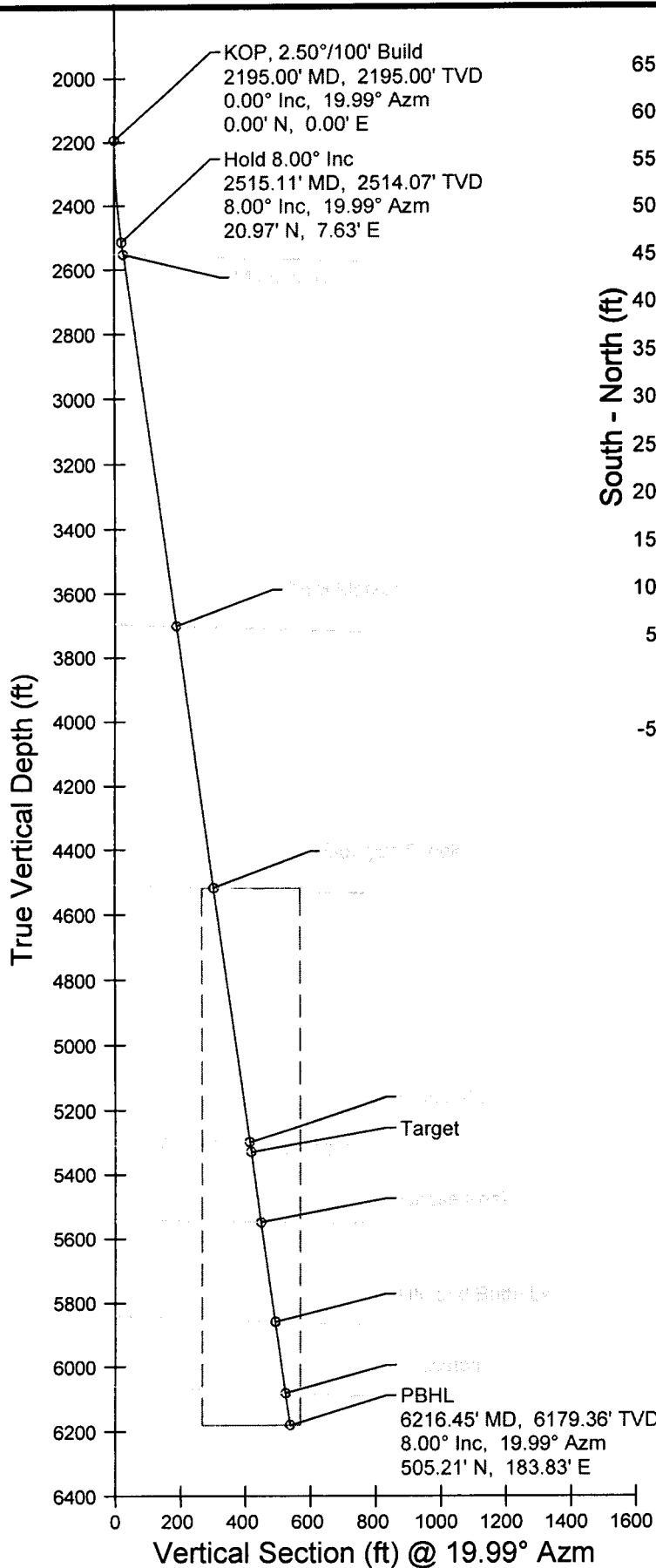


**Proposal No:** 1001103545A

---

**End of Report**





Company: Berry Petroleum  
 Well: LC Tribal 3-22D-46  
 Location: Duchesne County  
 State: Utah  
 Rig: Frontier 5  
 Correction:  
 North: Referenced to True North

Subject: Prop Rev 0  
 File Name: P07068r0.dwg  
 Date: 02/06/2007  
 Drawn By: Allen Slack  
 Planning: (936) 442-2455  
 Fax: (936) 441-6620  
 Operations: (936) 441-6630  
 Fax: (936) 539-1075



The customer should only rely on this document after independently verifying all paths, targets, coordinates, lease and hard lines represented. Any decisions made or wells drilled utilizing this or any other information supplied by Multi-Shot, LLC are at the sole risk and responsibility of the customer. Multi-Shot, LLC is not responsible for the accuracy of this schematic or the information contained herein.



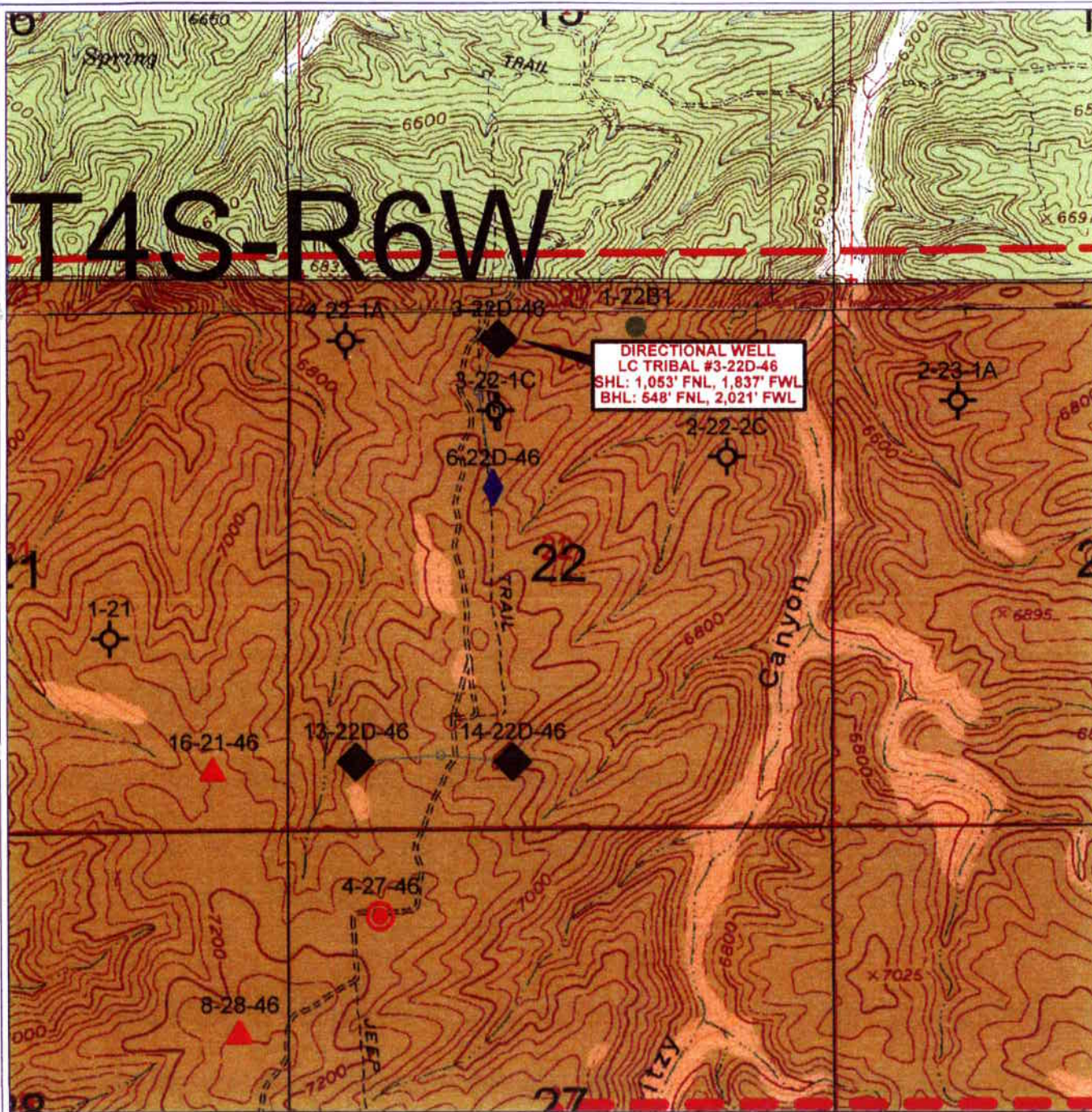
Job Number: P07-068  
 Company: Berry Petroleum  
 Lease/Well: LC Tribal 3-22D-46  
 Location: Duchesne County  
 Rig Name: Frontier 5  
 RKB: 14'  
 G.L. or M.S.L.: 6951'

State/Country: Utah  
 Declination:  
 Grid: Referenced to True North  
 File name: F:\WELLPL-1\2007\IP07060\S\IP07068\07068.SVY  
 Date/Time: 06-Feb-07 / 11:09  
 Curve Name: Prop Rev 0

WINSERVE SURVEY CALCULATIONS  
 Minimum Curvature Method  
 Vertical Section Plane 19.99  
 Vertical Section Referenced to Wellhead  
 Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	Direction Deg	Dogleg Severity Deg/100
<b>KOP, 2.50°/100' Build</b>									
2195.00	.00	19.99	2195.00	.00	.00	.00	.00	.00	.00
2295.00	2.50	19.99	2294.97	2.05	.75	2.18	2.18	19.99	2.50
2395.00	5.00	19.99	2394.75	8.20	2.98	8.72	8.72	19.99	2.50
2495.00	7.50	19.99	2494.14	18.43	6.70	19.61	19.61	19.99	2.50
<b>Hold 8.00° Inc</b>									
2515.11	8.00	19.99	2514.07	20.97	7.63	22.32	22.32	19.99	2.50
<b>Mahogany</b>									
2553.60	8.00	19.99	2552.19	26.01	9.46	27.68	27.68	19.99	.00
<b>Tgr3 Marker</b>									
3714.12	8.00	19.99	3701.40	177.84	64.71	189.24	189.24	19.99	.00
<b>Douglas Creek</b>									
4537.94	8.00	19.99	4517.20	285.62	103.93	303.94	303.94	19.99	.00
<b>Black Shale</b>									
5326.91	8.00	19.99	5298.49	388.84	141.49	413.78	413.78	19.99	.00
<b>Target</b>									
5358.73	8.00	19.99	5330.00	393.00	143.00	418.21	418.21	19.99	.00
<b>Castle Peak</b>									
5579.48	8.00	19.99	5548.60	421.88	153.51	448.94	448.94	19.99	.00
<b>Uteland Butte Ls.</b>									
5892.78	8.00	19.99	5858.85	462.87	168.42	492.56	492.56	19.99	.00

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	Direction Deg	Dogleg Severity Deg/100
<b>Wasatch</b>									
6116.55	8.00	19.99	6080.44	492.14	179.08	523.71	523.71	19.99	.00
<b>PBHL</b>									
6216.45	8.00	19.99	6179.36	505.21	183.83	537.62	537.62	19.99	.00



**BERRY PETROLEUM COMPANY**

## Lake Canyon Project

**LC TRIBAL 3-22D-46**

**Directional Drilling Plat**

Sec. 22 T4S R6W - Duchesne Co, UT



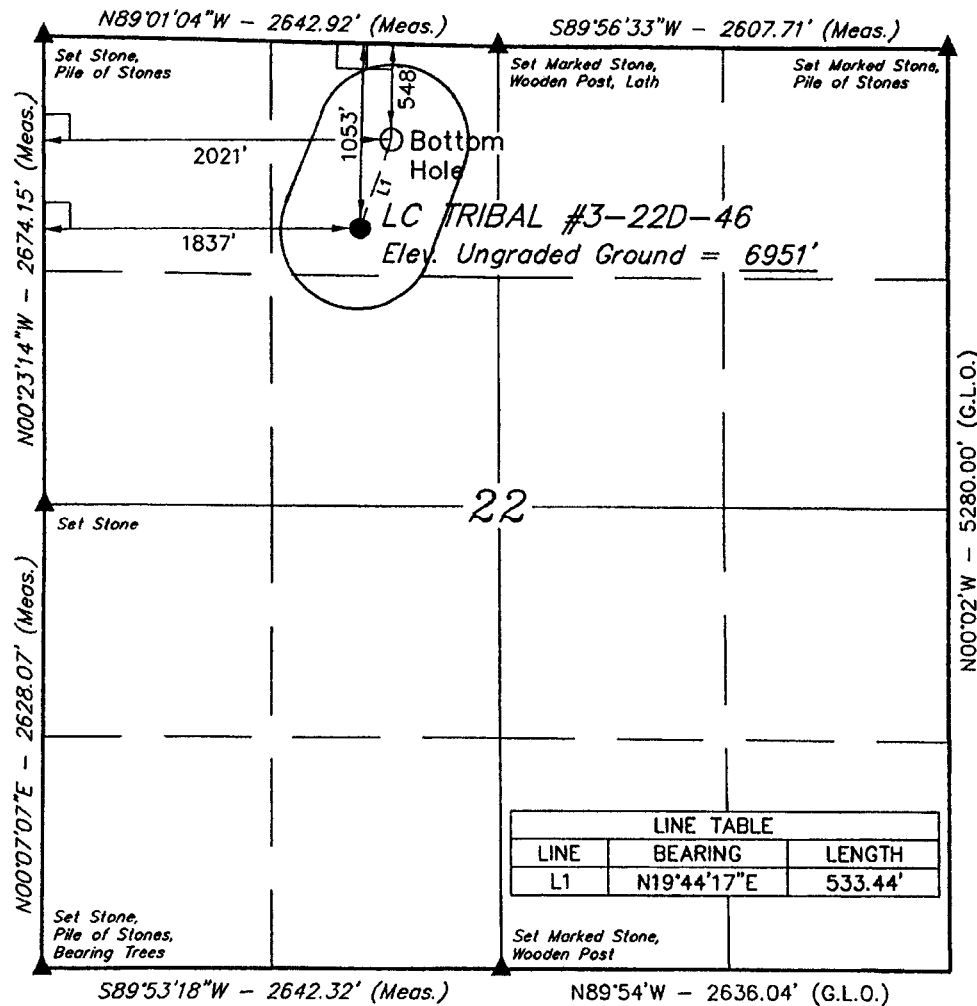
### WELL SYMBOLS

- ▲ W/O BLM
- APD - W/O Survey
- ◆ Geologic Prognosis Prepared
- Oil Well
- Dry Hole
- ◆ Working on APD

June 1, 2007



T4S, R6W, U.S.B.&M.



**LEGEND:**

- └ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

(NAD 83)  
 LATITUDE = 40°07'22.63" (40.122953)  
 LONGITUDE = 110°33'07.01" (110.551947)  
 (NAD 27)  
 LATITUDE = 40°07'22.78" (40.122994)  
 LONGITUDE = 110°33'04.45" (110.551236)

**BERRY PETROLEUM COMPANY**

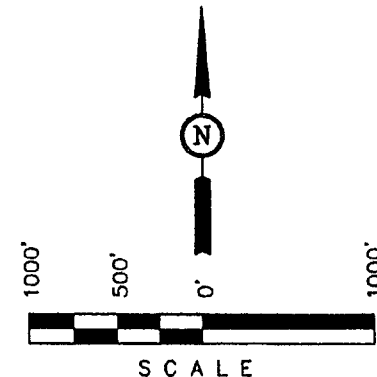
Well location, LC TRIBAL #3-22D-46, located as shown in the NE 1/4 NW 1/4 of Section 22, T4S, R6W, U.S.B.&M., Duchesne County, Utah.

**BASIS OF ELEVATION**

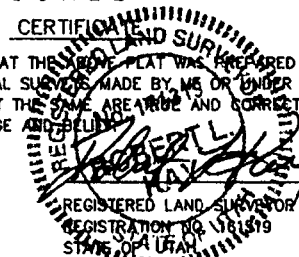
BENCH MARK (M67) LOCATED IN THE SW 1/4 OF SECTION 9, T5S, R4W, U.S.B.&M., TAKEN FROM THE DUCHESNE SE QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED ON CAP AS BEING 6097 FEET.

**BASIS OF BEARINGS**

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEY MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



**UINTAH ENGINEERING & LAND SURVEYING**  
 85 SOUTH 200 EAST - VERNAL, UTAH 84078  
 (435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 12-15-06	DATE DRAWN: 02-09-07
PARTY S.H. T.P. P.M.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE BERRY PETROLEUM COMPANY	

# BERRY PETROLEUM COMPANY

LC TRIBAL #3-22D-46

LOCATED IN DUCHESNE COUNTY, UTAH

SECTION 22, T4S, R6W, U.S.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHEASTERLY



- Since 1964 -

**UELS** Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
435-789-1017 uels@uelsinc.com

**TOPOGRAPHIC  
MAP**

**02 12 07**  
MONTH DAY YEAR

**PHOTO**

TAKEN BY: S.H.

DRAWN BY: L.K.

REVISED: 00-00-00

# BERRY PETROLEUM COMPANY

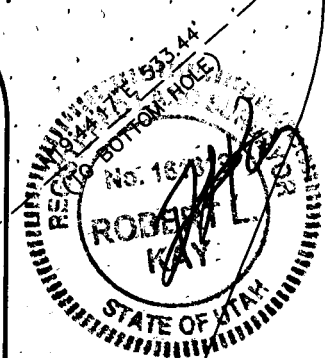
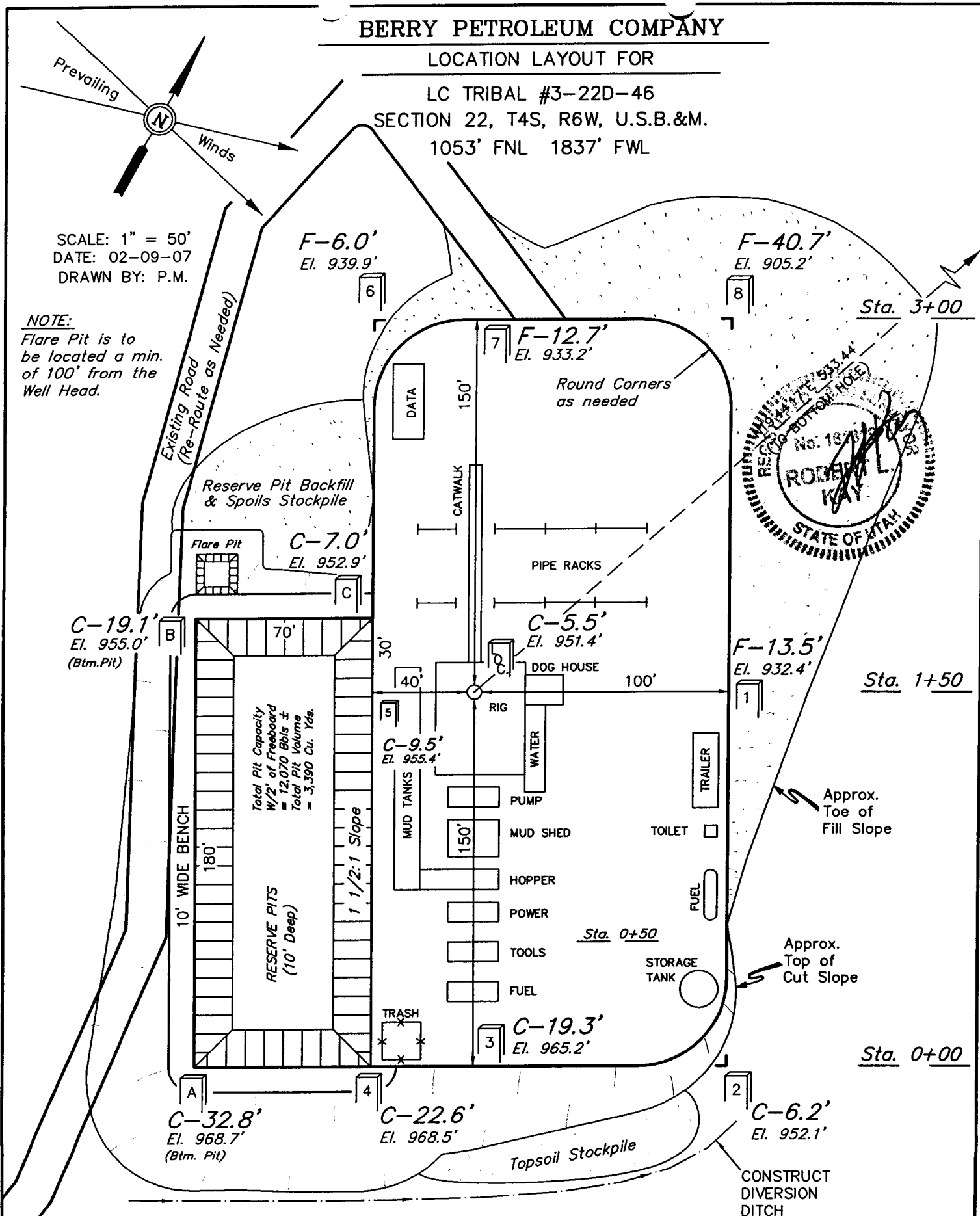
## LOCATION LAYOUT FOR

LC TRIBAL #3-22D-46  
SECTION 22, T4S, R6W, U.S.B.&M.  
1053' FNL 1837' FWL

SCALE: 1" = 50'  
DATE: 02-09-07  
DRAWN BY: P.M.

### NOTE:

Flare Pit is to be located a min. of 100' from the Well Head.



Elev. Ungraded Ground at Location Stake = 6951.4'  
Elev. Graded Ground at Location Stake = 6945.9'

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

# BERRY PETROLEUM COMPANY

## TYPICAL CROSS SECTIONS FOR

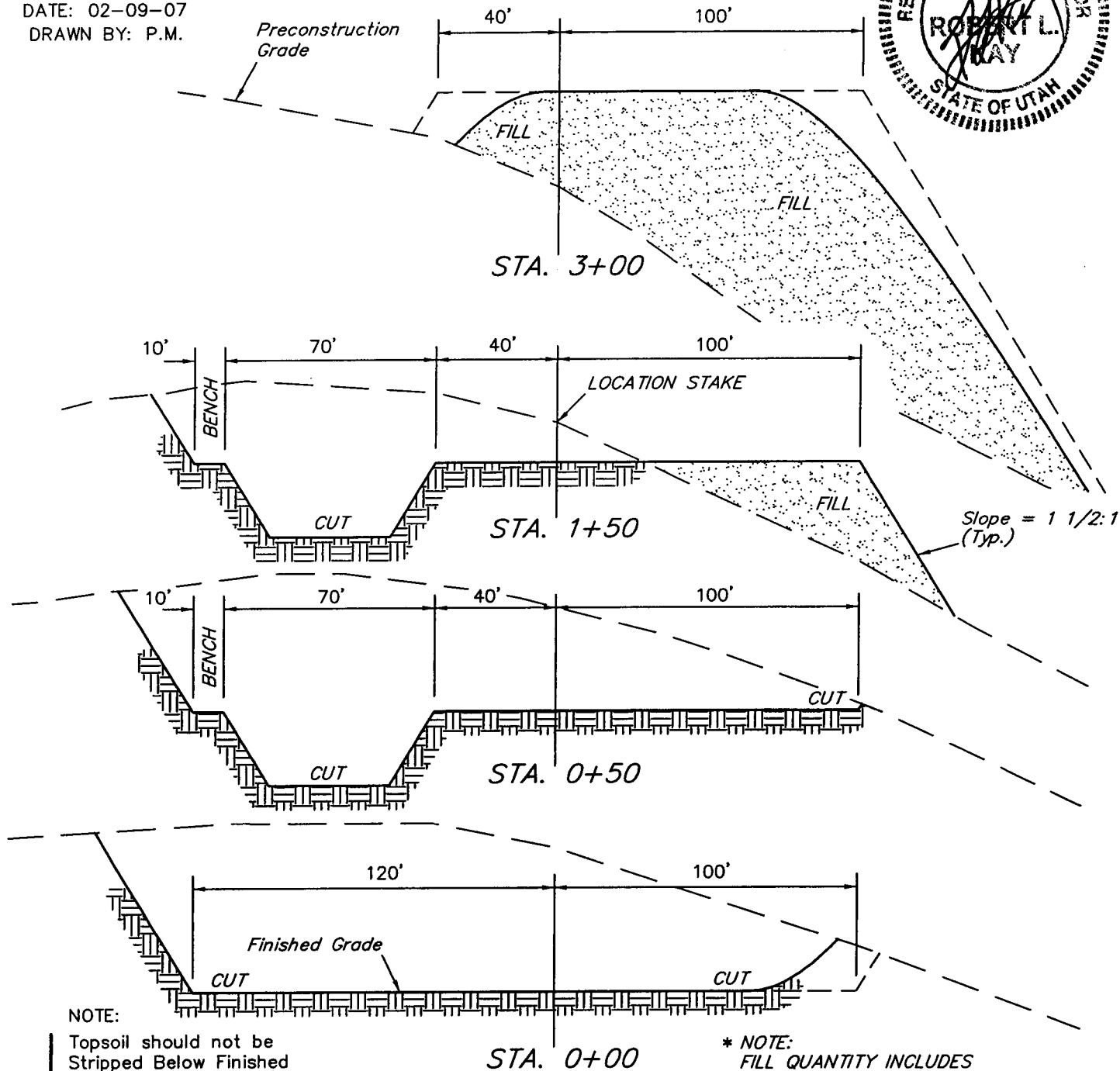
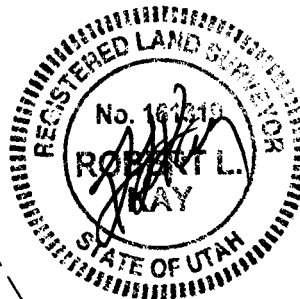
LC TRIBAL #3-22D-46

SECTION 22, T4S, R6W, U.S.B.&M.

1053' FNL 1837' FWL

1" = 20'  
X-Section  
Scale  
1" = 50'

DATE: 02-09-07  
DRAWN BY: P.M.



### NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

### \* NOTE:

FILL QUANTITY INCLUDES 5% FOR COMPACTION

### APPROXIMATE YARDAGES

#### CUT

(12") Topsoil Stripping = 3,540 Cu. Yds.  
Remaining Location = 21,420 Cu. Yds.

TOTAL CUT = 24,960 CU.YDS.

FILL = 19,720 CU.YDS.

EXCESS MATERIAL = 5,240 Cu. Yds.

Topsoil & Pit Backfill = 5,240 Cu. Yds.  
(1/2 Pit Vol.)

EXCESS UNBALANCE = 0 Cu. Yds.  
(After Interim Rehabilitation)

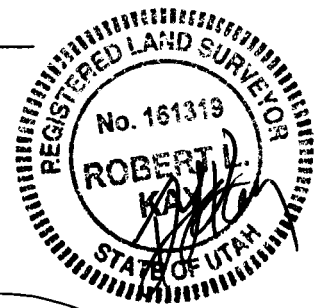
UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017



# BERRY PETROLEUM COMPANY

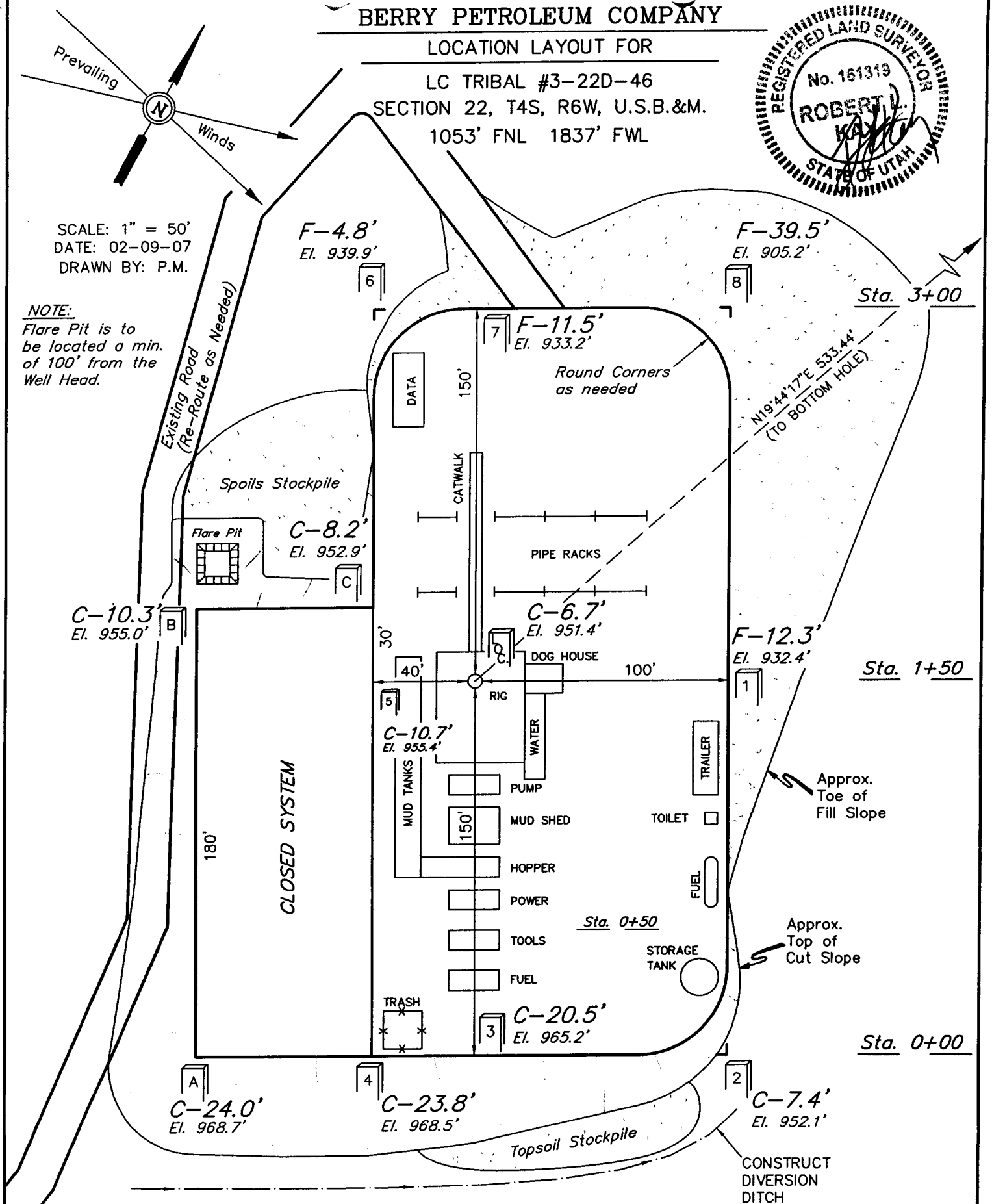
## LOCATION LAYOUT FOR

LC TRIBAL #3-22D-46  
SECTION 22, T4S, R6W, U.S.B.&M.  
1053' FNL 1837' FWL



SCALE: 1" = 50'  
DATE: 02-09-07  
DRAWN BY: P.M.

**NOTE:**  
Flare Pit is to  
be located a min.  
of 100' from the  
Well Head.



Elev. Ungraded Ground at Location Stake = 6951.4'  
Elev. Graded Ground at Location Stake = 6944.7'

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

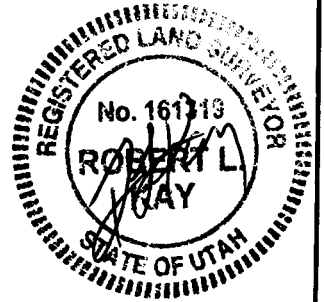
# BERRY PETROLEUM COMPANY

## TYPICAL CROSS SECTIONS FOR

LC TRIBAL #3-22D-46

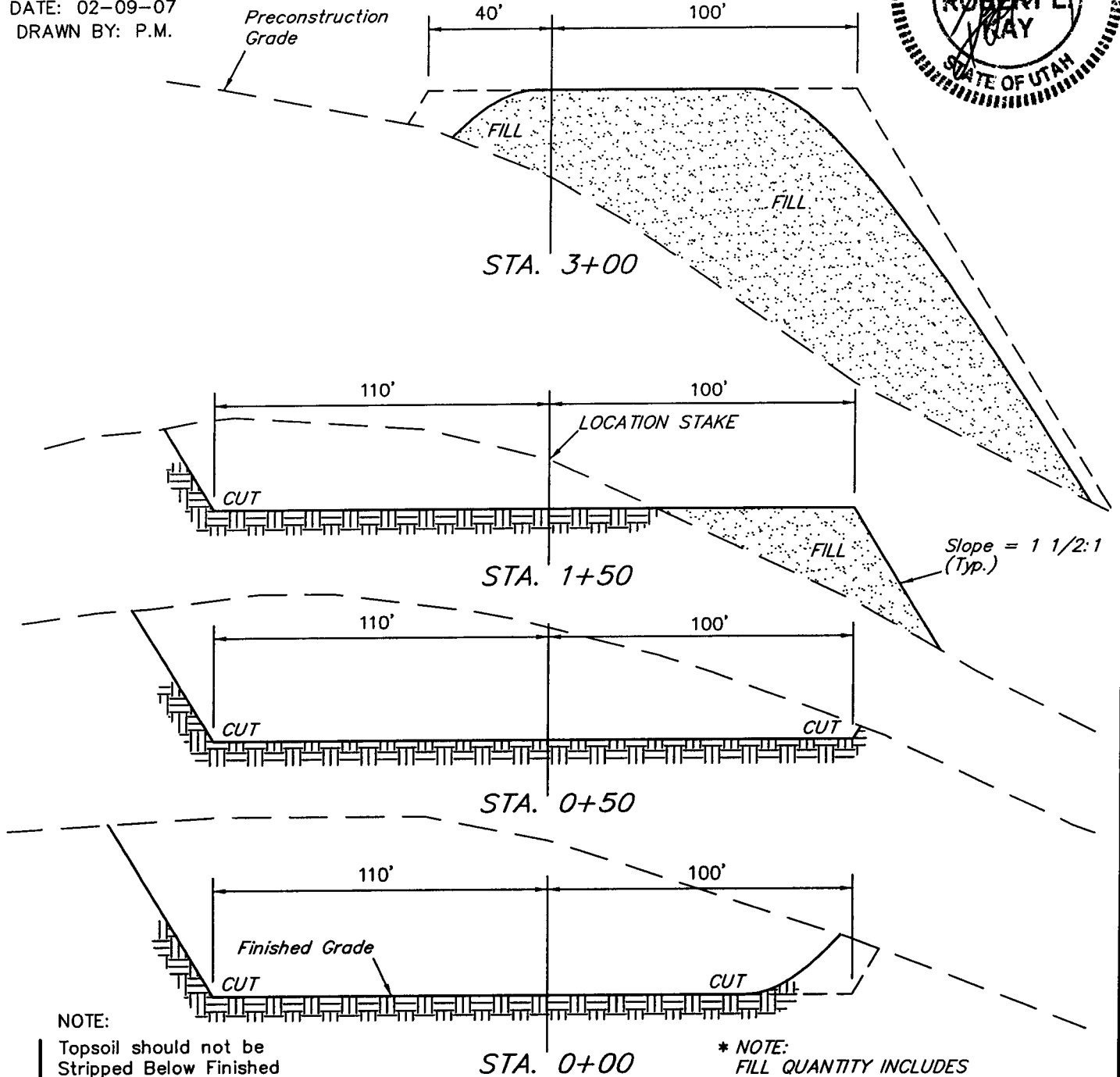
SECTION 22, T4S, R6W, U.S.B.&M.

1053' FNL 1837' FWL



1" = 20'  
X-Section  
Scale  
1" = 50'

DATE: 02-09-07  
DRAWN BY: P.M.



### APPROXIMATE YARDAGES

CUT  
(12") Topsoil Stripping = 3,330 Cu. Yds.  
Remaining Location = 17,870 Cu. Yds.  
  
TOTAL CUT = 21,200 CU.YDS.  
FILL = 17,870 CU.YDS.

EXCESS MATERIAL = 3,330 Cu. Yds.  
Topsoil = 3,330 Cu. Yds.

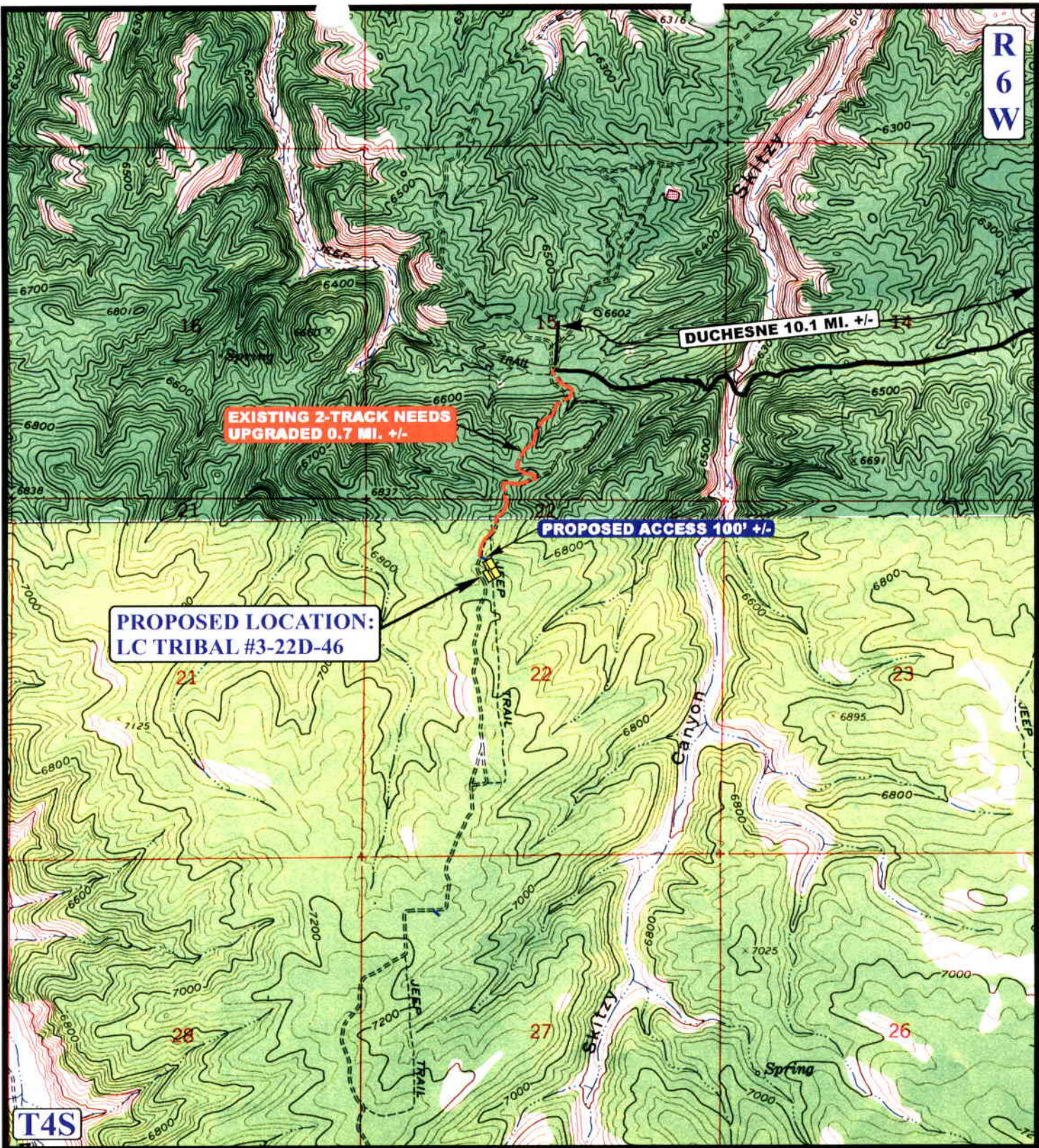
EXCESS UNBALANCE = 0 Cu. Yds.  
(After Interim Rehabilitation)

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017





R  
6  
W



T4S

**LEGEND:**

- PROPOSED ACCESS ROAD
- EXISTING 2-TRACK NEEDS UPGRADED

**BERRY PETROLEUM COMPANY**

LC TRIBAL #3-22D-46  
SECTION 22, T4S, R6W, U.S.B.&M.  
1053' FNL 1837' FWL



Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813



**TOPOGRAPHIC  
MAP**

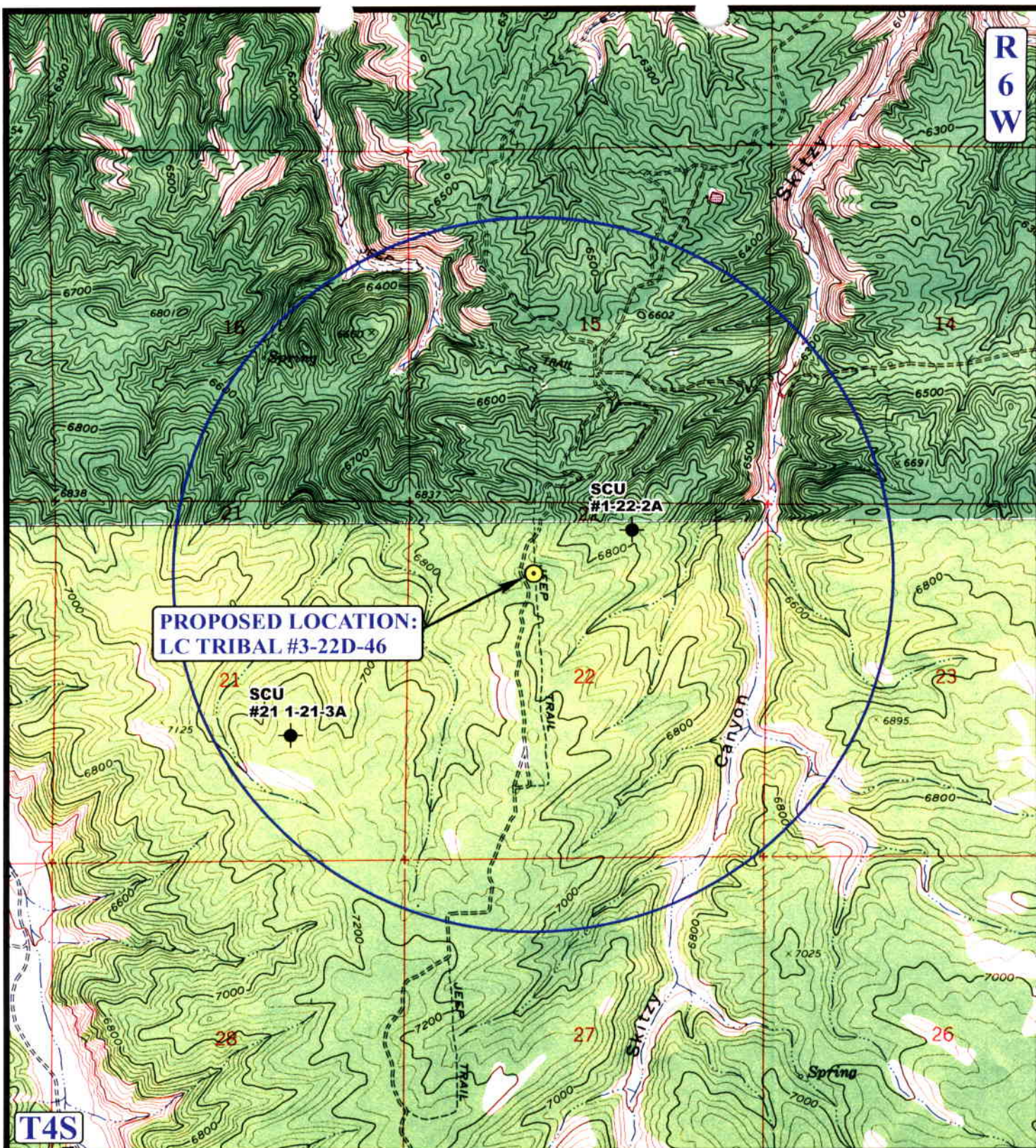
**02 12 07**  
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: L.K. REVISED: 00-00-00





R  
6  
W



T4S

### LEGEND:

- |                   |                         |
|-------------------|-------------------------|
| ○ DISPOSAL WELLS  | ○ WATER WELLS           |
| ● PRODUCING WELLS | ● ABANDONED WELLS       |
| ● SHUT IN WELLS   | ● TEMPORARILY ABANDONED |



### BERRY PETROLEUM COMPANY

LC TRIBAL #3-22D-46  
SECTION 22, T4S, R6W, U.S.B.&M.  
1053' FNL 1837' FWL



Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

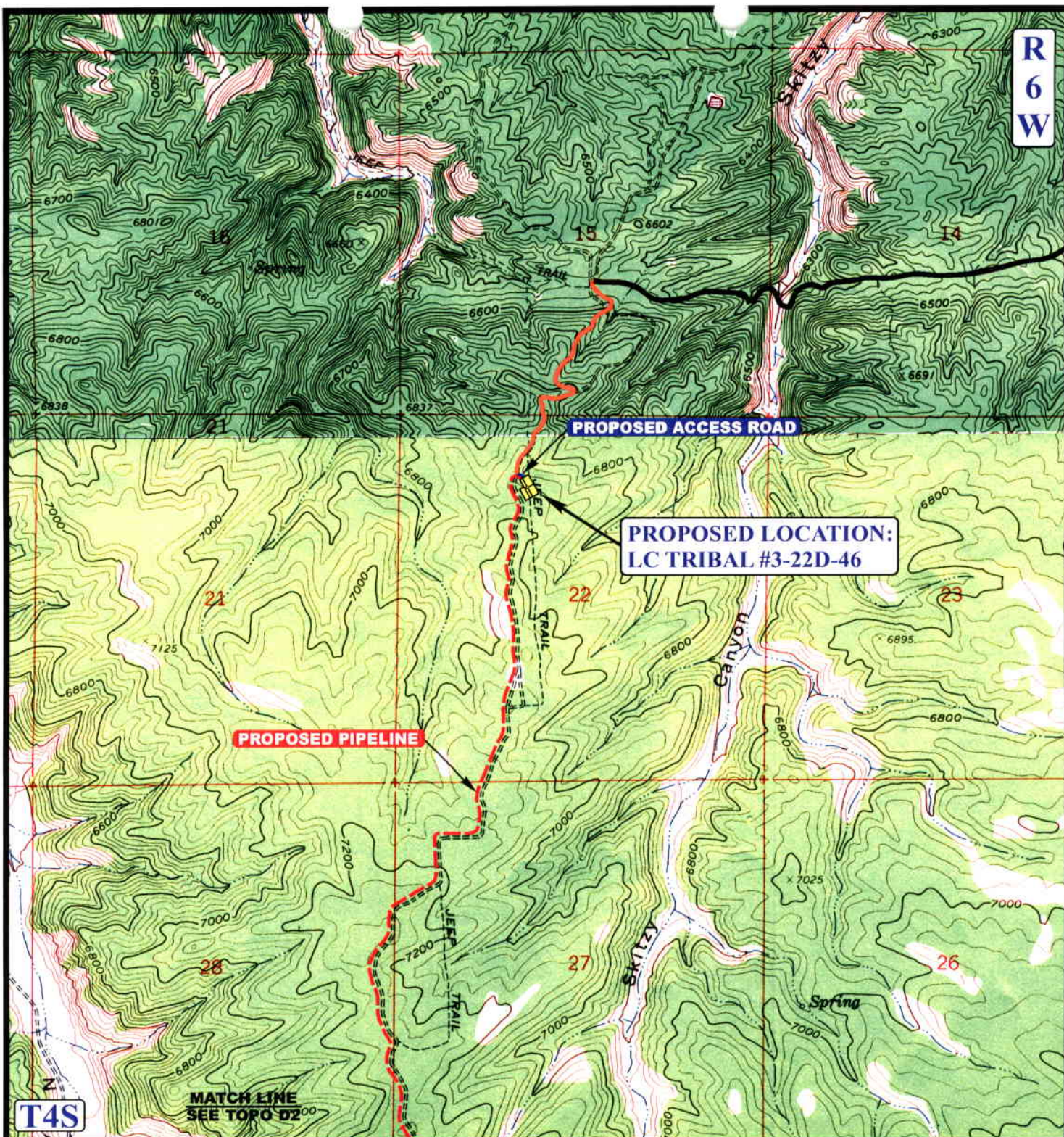
TOPOGRAPHIC  
MAP

02 12 07  
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: L.K. REVISED: 00-00-00







APPROXIMATE TOTAL PIPELINE DISTANCE = 22,000' +/-

# LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE
- PROPOSED PIPELINE (SERVICING OTHER WELLS)

# BERRY PETROLEUM COMPANY

LC TRIBAL #3-22D-46  
SECTION 22, T4S, R6W, U.S.B.&M.  
1053' FNL 1837' FWL



Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813



TOPOGRAPHIC  
MAP

02 12 07  
MONTH DAY YEAR

SCALE: 1" = 2000'

DRAWN BY: L.K.

REVISED: 00-00-00

D1  
TOPO







**WORKSHEET**  
**APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 06/08/2007

API NO. ASSIGNED: 43-013-33665

WELL NAME: LC TRIBAL 3-22D-46

OPERATOR: BERRY PETROLEUM COMPANY ( N2480 )

CONTACT: SHELLEY CROZIER

PHONE NUMBER: 435-722-1325

PROPOSED LOCATION:

NENW 22 040S 060W

SURFACE: 1053 FNL 1837 FWL

BOTTOM: 0548 FNL 2021 FWL

COUNTY: DUCHESNE

LATITUDE: 40.12300 LONGITUDE: -110.5512

UTM SURF EASTINGS: 538246 NORTHINGS: 4441295

FIELD NAME: ALTAMONT ( 55 )

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 2 - Indian

LEASE NUMBER: 14-20-H62-5500

SURFACE OWNER: 2 - Indian

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat  
☒ Bond: Fed[] Ind[2] Sta[] Fee[]  
(No. RLB0005651 )  
☒ Potash (Y/N)  
☒ Oil Shale 190-5 (B) or 190-3 or 190-13  
☒ Water Permit  
(No. 43-11041 )  
☒ RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )  
☒ Fee Surf Agreement (Y/N)  
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

\_\_\_\_ R649-2-3.  
Unit: \_\_\_\_\_  
\_\_\_\_ R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells  
\_\_\_\_ R649-3-3. Exception  
\_\_\_\_ Drilling Unit  
Board Cause No: \_\_\_\_\_  
Eff Date: \_\_\_\_\_  
Siting: \_\_\_\_\_  
☒ R649-3-11. Directional Drill

COMMENTS: \_\_\_\_\_

STIPULATIONS: \_\_\_\_\_

1. Federal Approval  
2. Spacing Wp







JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil Gas and Mining

JOHN R. BAZA  
Division Director

June 18, 2007

Berry Petroleum Company  
Rt. 2, Box 7735  
Roosevelt, UT 84066

Re: LC Tribal 3-22D-46 Well, Surface Location 1053' FNL, 1837' FWL, NE NW, Sec. 22,  
T. 4 South, R. 6 West, Bottom Location 548' FNL, 2021' FWL, NE NW, Sec. 22,  
T. 4 South, R. 6 West, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33665.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

cc: Duchesne County Assessor  
Bureau of Land Management, Vernal Office

**Operator:** Berry Petroleum Company  
**Well Name & Number** Ute Tribal 3-22D-46  
**API Number:** 43-013-33665  
**Lease:** 14-20-H62-5500

**Surface Location:** NE NW      **Sec.** 22      **T.** 4 South      **R.** 6 West  
**Bottom Location:** NE NW      **Sec.** 22      **T.** 4 South      **R.** 6 West

### **Conditions of Approval**

#### **1. General**

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### **2. Notification Requirements**

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281      (801) 733-0983 home

#### **3. Reporting Requirements**

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.
6. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

RECEIVED

JUN - 8 2007

Form 3160-3  
(April 2004)

BLM  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
VERNAL FIELD OFFICE

2007 SEP -5 PM 4:10

FORM APPROVED  
OMB No. 1004-0137  
Expires March 31, 2007

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. TYPE OF WORK <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. 20G-000-5500	
1b. Type of Well: <input checked="" type="checkbox"/> Oil well <input type="checkbox"/> Gas well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single zone <input type="checkbox"/> Multiple zone		6. If Indian, Allottee or Tribe Name UTE	
2. Name of Operator BERRY PETROLEUM COMPANY		7. Unit or CA Agreement, Name and No. N/A	
3a. Address 4000 SOUTH 4028 WEST RT. 2 BOX 7735, ROOSEVELT, UT. 84066		8. Lease Name and Well No. LC TRIBAL 3-22D-46	
3b. Phone No. (include area code) (435) 722-1325		9. API Well No. 43 013 33665	
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface (NE/NW) 1053' FNL, 1837' FWL At proposed prod. zone BHL: (NE/NW) 548' FNL 2021' FWL		10. Field and Pool, or Exploratory LAKE CANYON	
11. Sec., T. R. M. or BLK. and Survey or Area SEC. 22, T.4S., R.6W. U.S.B.&M.		12. County or Parish DUCHESNE	
14. Distance in miles and direction from nearest town or post office* 10.8 MILES FROM DUCHESNE, UTAH		13. State UTAH	
15. Distance from proposed* location to nearest property of lease line, ft. (Also to nearest drg. Unit line, if any) 1053'		16. No. of acres in lease 80.00	
17. Spacing Unit dedicated to this well 40		18. Distance from proposed* to nearest well, drilling, completed, applied for, on this lease, ft. N/A	
19. Proposed Depth 6200'		20. BLM/BIA Bond No. on file UTB000035 / RLB0005750	
21. Elevations (Show whether DF, KDB, RT, GR, etc.) 6946' GR		22. Approximate date work will start* REFER TO BPC SOP PLAN	
23. Estimated duration REFER TO BPC SOP PLAN			

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature <i>Shelley E. Crozier</i>	Name (Printed/Typed) SHELLEY E. CROZIER	Date 06/04/07
Title REGULATORY & PERMITTING SPECIALIST		
Approved by (Signature) <i>Jerry Kenicka</i>	Name (Printed/Typed) JERRY KENICKA	Date 2-14-2008
Title Assistant Field Manager Land & Mineral Resources	Office VERNAL FIELD OFFICE	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

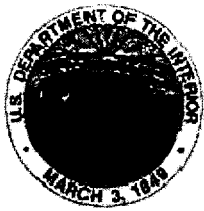
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on page 2)

NOTICE OF APPROVAL

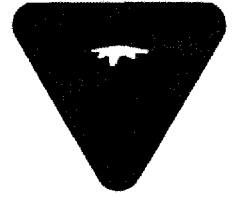
RECEIVED  
FEB 20 2008  
DIV. OF OIL, GAS & MINING

UDOGM



UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE

170 South 500 East      VERNAL, UT 84078      (435) 781-4400



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

**Company:** Berry Petroleum Company

**Location:** NENW, Sec 22, T4S, R6W (Surface)  
NENW, Sec 22, T4S, R6W (Bottom)

**Well No:** LC Tribal 3-22D-46

**Lease No:** 2OG0005500

**API No:** 43-013-33665

**Agreement:** N/A

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:		(435) 781- 4475	(435) 828-4029
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	
NRS/Enviro Scientist:	Chuck MacDonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-35484
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545

Fax: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

Construction Activity	-	The Ute Tribe Energy & Minerals Dept. shall be notified in writing 48 hours in advance of any construction activity. The Ute Tribal office is open Monday through Thursday.
Construction Completion	-	Upon completion of the pertinent APD/ROW construction, notify the Ute Tribe Energy & Minerals Dept. for a Tribal Technician to verify the Affidavit of Completion.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

***SURFACE USE PROGRAM  
CONDITIONS OF APPROVAL (COAs)***

***SURFACE COAs:***

- A 30 foot corridor right-of-way shall be approved. Upon completion of each pipeline in corridor, they shall be identified and filed with the Ute Tribe.
- A qualified Archaeologist accompanied by a Tribal Technician will monitor trenching construction of pipeline.
- The Ute Tribe Energy & Minerals Department is to be notified, in writing 48 hours prior to construction of pipeline.
- Construction Notice shall be given to the department on the Ute Tribe workdays, which are Monday through Thursday. The Company understands that they may be responsible for costs incurred by the Ute Tribe after hours.
- The Company shall inform contractors to maintain construction of pipelines within the approved ROW's.
- The Company shall assure the Ute Tribe that "ALL CONTRACTORS, INCLUDING SUB-CONTRACTORS, LEASING CONTRACTORS, AND ETC." have acquired a current and valid Ute Tribal Business License and have "Access Permits" prior to construction, and will have these permits in all vehicles at all times.
- You are hereby notified that working under the "umbrella" of a company does not allow you to be in the field, and can be subject to those fines of the Ute Tribe Severance Tax Ordinance.
- Any deviation of submitted APD's and ROW applications the Companies will notify the Ute Tribe and BIA in writing and will receive written authorization of any such change with appropriate authorization.
- The Company will implement "Safety and Emergency Plan." The Company's safety director will ensure its compliance.
- All Company employees and/or authorized personnel (sub-contractors) in the field will have approved applicable APD's and/or ROW permits/authorizations on their person(s) during all phases of construction.
- All vehicular traffic, personnel movement, construction/restoration operations should be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.
- All personnel should refrain from collecting artifacts, any paleontological fossils, and from disturbing any significant cultural resources in the area.

- The personnel from the Ute Tribe Energy & Minerals Department should be notified should cultural remains from subsurface deposits be exposed or identified during construction. All construction will cease.
- All mitigative stipulations contained in the Bureau of Indian Affairs Site Specific Environmental Assessment (EA) will be strictly adhered.
- Upon completion of Application for Corridor Right-Way, the company will notify the Ute Tribe Energy & Minerals Department, so that a Tribal Technician can verify Affidavit of Completion.

**ADDITIONAL CONDITIONS OF APPROVAL:**

- Paint tanks olive black
- Do not put poly line in trees
- For any other additional stipulations, see concurrence letter.

## ***DOWNHOLE CONDITIONS OF APPROVAL***

### **SITE SPECIFIC DOWNHOLE COAs:**

- The top of the production casing cement shall extend a minimum of 200 feet above the 8 5/8 inch surface casing shoe.

**All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to.**  
The following items are emphasized:

### **DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.



- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

## **OPERATING REQUIREMENT REMINDERS:**

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location (1/4 1/4, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and/or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the

well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

- Unless the plugging is to take place immediately upon receipt of oral approval the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, amount of casing in hole and the current status of the surface restoration.

STATE OF UTAH  
DIVISION OF OIL, GAS, AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to re-enter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☒ GAS ☐ OTHER: \_\_\_\_\_

2. Name of Operator:

**BERRY PETROLEUM COMPANY**

3. Address and Telephone Number:

**4000 SOUTH 4028 WEST, RT. 2 BOX 7735 ROOSEVELT, UTAH 84066 (435) 722-1325**

4. Location of Well:

Footages: **1053' FNL, 1837' FWL BHL: 548' FNL, 2021' FWL**

QQ, Sec., T., R., M.: **NE/NW SEC. 22, T4S, R6W USB&M**

5. Lease Designation and Serial Number:

**2OG-000-5500**

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

8. Well Name and Number:

**LC TRIBAL 3-22D-46**

9. API Well Number:

**43-013-33665**

10. Field and Pool, or Wildcat:

**LAKE CANYON**

County: **DUCHESNE,**

State: **UTAH**

### 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

#### NOTICE OF INTENT

(Submit in Duplicate)

- |   |   |
|---|---|
| <input type="checkbox"/> Abandon                                    | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing                              | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                            | <input type="checkbox"/> Recomplete           |
| <input type="checkbox"/> Convert to Injection                       | <input type="checkbox"/> Reperforate          |
| <input type="checkbox"/> Fracture Treat or Acidize                  | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion                        | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other <b>ONE YEAR EXTENSION</b> |   |

Approximate date work will start \_\_\_\_\_

#### SUBSEQUENT REPORT

(Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon                   | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Reperforate          |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____               |   |

Date of work completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

**BERRY PETROEUM COMPANY RESPECTFULLY REQUESTS THAT THE APPROVED APPLICATION  
TO DRILL FOR THE ABOVE SUBJECT WELL BE EXTENDED FOR A PERIOD OF ONE (1) YEAR.**

STATE BOND #RLB0005651

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

**COPY SENT TO OPERATOR**

Date: 6-19-2008

Initials: KS

Date: 06-18-08

By: [Signature]

13

Name & Signature: SHELLEY E. CROZIER Shelley Crozier Title: REGULATORY & PERMITTING SPECIALIST Date: 06/16/08

(This space for Federal or State office use)

**RECEIVED**

**JUN 18 2008**

RECEIVED

**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 43-013-33665  
**Well Name:** LC TRIBAL 3-22D-46  
**Location:** (NE/NW) 1053' FNL, 1837' FWL, SEC. 22-T4S-R6W  
**Company Permit Issued to:** BERRY PETROLEUM COMPANY  
**Date Original Permit Issued:** 6/18/2007

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

Shelley Crozia  
Signature

6/16/2008  
Date

Title: Regulatory & Permitting Specialist

Representing: Berry Petroleum Company

RECEIVED  
JUN 18 2008

DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-5500 (EDA)
2. NAME OF OPERATOR: BERRY PETROLEUM COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 4000 S. 4028 W. CITY Roosevelt STATE UT ZIP 84066		7. UNIT or CA AGREEMENT NAME: N/A
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1053' FNL, 1837' FWL BHL: 548' FNL, 2021' FWL COUNTY: DUCHESNE		8. WELL NAME and NUMBER: LC TRIBAL 3-22D-46
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 22 T4S R6W STATE: UTAH		9. API NUMBER: 4301333665
		10. FIELD AND POOL, OR WILDCAT: LAKE CANYON

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: 1 YEAR EXTENSION
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

BERRY PETROLEUM COMPANY RESPECTFULLY REQUESTS THAT THE APPROVED APPLICATION TO DRILL FOR THE ABOVE SUBJECT WELL BE EXTENDED FOR A PERIOD OF ONE (1) YEAR.

Approved by the  
Utah Division of  
Oil, Gas and Mining

STATE BOND # RLB0005651

Date: 06-24-09

By: [Signature]

COPY SENT TO OPERATOR

Date: 6-25-2009

Initials: KS

NAME (PLEASE PRINT) SHELLEY E. CROZIER	TITLE REGULATORY & PERMITTING SPECIALIST
SIGNATURE [Signature]	DATE 6/16/2009

(This space for State use only)

RECEIVED

JUN 22 2009

DIV. OF OIL, GAS & MINING

**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 43-013-33665  
**Well Name:** LC TRIBAL 3-22D-46  
**Location:** (NE/NW) 1053' FNL, 1837' FWL, SEC. 22-T4S-R6W  
**Company Permit Issued to:** BERRY PETROLEUM COMPANY  
**Date Original Permit Issued:** 6/18/2007

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

Shelley E. Crozier  
Signature

6/16/2009

Date

Title: Regulatory & Permitting Specialist

Representing: Berry Petroleum Company

**RECEIVED**

**JUN 22 2009**

DIV. OF OIL, GAS & MINING



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.  
20G-000-5500

6. If Indian, Allottee or Tribe Name

UTE

**SUBMIT IN TRIPLICATE – Other instructions on page 2.**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
BERRY PETROLEUM COMPANY

3a. Address  
4000 SOUTH 4028 WEST, RT. 2, BOX 7735  
ROOSEVELT, UTAH 84066

3b. Phone No. (include area code)  
(435) 722-1325

7. If Unit of CA/Agreement, Name and/or No.  
N/A

8. Well Name and No.  
LC TRIBAL 3-22D-46

9. API Well No.  
4301333665

10. Field and Pool or Exploratory Area  
LAKE CANYON

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1053' FNL, 1837' FWL BHL: 548' FNL, 2021' FWL (NE/NW) SEC. 22 T4S-R6W

11. Country or Parish, State  
DUCHESNE COUNTY, UTAH

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other 2 Yr. Extension
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

RECEIVED

APR 06 2010

DIV. OF OIL, GAS & MINING

BERRY PETROLEUM COMPANY RESPECTFULLY REQUESTS THAT THE APPROVED APPLICATION TO DRILL FOR THE ABOVE SUBJECT WELL BE EXTENDED FOR A PERIOD OF TWO (2) YEARS.

**CONDITIONS OF APPROVAL ATTACHED**

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

SHELLEY E. CROZIER

Title REGULATORY & PERMITTING SPECIALIST

Signature

*Shelley Crozier*

Date 02/10/2010

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

*Carey St. John*

Petroleum Engineer

Title

Date

MAR 10 2010

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to these rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

UDOGM

# **CONDITIONS OF APPROVAL**

## **Berry Petroleum Company**

### **Notice of Intent APD Extension**

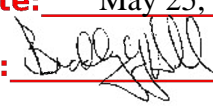
**Lease:** 20G-000-5500  
**Well:** LC Tribal 3-22D-46  
**Location:** NENW Sec 22-T4S-R6W

An extension for the referenced APD is granted with the following conditions:

---

1. The extension and APD shall expire February 12<sup>th</sup>, 2012.
2. No other extension shall be granted.

If you have any other questions concerning this matter, please contact Carey Doyle of this office at (435) 781-3406

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>			
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 14-20-H62-5500			
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE			
<b>2. NAME OF OPERATOR:</b> BERRY PETROLEUM COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b>			
<b>3. ADDRESS OF OPERATOR:</b> 4000 South 4028 West Rt 2 Box 7735 , Roosevelt, UT, 84066		<b>8. WELL NAME and NUMBER:</b> LC TRIBAL 3-22D-46			
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1053 FNL 1837 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENW Section: 22 Township: 04.0S Range: 06.0W Meridian: U		<b>9. API NUMBER:</b> 43013336650000			
<b>PHONE NUMBER:</b> 303 999-4044 Ext		<b>9. FIELD and POOL or WILDCAT:</b> ALTAMONT			
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH			
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>					
<b>TYPE OF SUBMISSION</b>  <input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 6/18/2011  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<b>TYPE OF ACTION</b>  <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input checked="" type="checkbox"/> APD EXTENSION          OTHER: _____       </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER: _____
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER: _____			
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> BERRY PETROLEUM RESPECTFULLY REQUESTS THAT THE APPROVED APPLICATION TO DRILL FOR THE ABOVE SUBJECT WELL BE EXTENDED FOR A PERIOD OF ONE (1) YEAR.					
<b>Approved by the Utah Division of Oil, Gas and Mining</b>  <b>Date:</b> May 25, 2010 <b>By:</b> 					
<b>NAME (PLEASE PRINT)</b> Kathy K. Fieldsted		<b>PHONE NUMBER</b> 435 722-1325			
<b>SIGNATURE</b> N/A		<b>TITLE</b> Sr. Regulatory & Permitting Tech.  <b>DATE</b> 5/24/2010			

**RECEIVED** May 24, 2010



## The Utah Division of Oil, Gas, and Mining

- State of Utah  
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

### Request for Permit Extension Validation Well Number 43013336650000

**API:** 43013336650000

**Well Name:** LC TRIBAL 3-22D-46

**Location:** 1053 FNL 1837 FWL QTR NENW SEC 22 TWNP 040S RNG 060W MER U

**Company Permit Issued to:** BERRY PETROLEUM COMPANY

**Date Original Permit Issued:** 6/18/2007

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☐ Yes ☒ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

**Signature:** Kathy K. Fieldsted

**Date:** 5/24/2010

**Title:** Sr. Regulatory & Permitting Tech. **Representing:** BERRY PETROLEUM COMPANY **Date:** May 25, 2010

**By:** 

**RECEIVED** May 24, 2010

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 14-20-H62-5500
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE
<b>2. NAME OF OPERATOR:</b> BERRY PETROLEUM COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> 4000 South 4028 West Rt 2 Box 7735 , Roosevelt, UT, 84066		<b>8. WELL NAME and NUMBER:</b> LC TRIBAL 3-22D-46
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1053 FNL 1837 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENW Section: 22 Township: 04.0S Range: 06.0W Meridian: U		<b>9. API NUMBER:</b> 43013336650000
<b>9. FIELD and POOL or WILDCAT:</b> ALTAMONT		<b>COUNTY:</b> DUCHESNE
<b>STATE:</b> UTAH		
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 6/18/2012  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER         </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input checked="" type="checkbox"/> <b>APD EXTENSION</b>          OTHER: <span style="border: 1px solid black; display: inline-block; width: 100px; height: 15px;"></span> </div> </div>	
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> BERRY PETROLEUM WOULD LIKE TO REQUEST THAT THE APPLICATION TO DRILL THE LC TRIBAL 3-22D-46 BE EXTENDED FOR THE PERIOD OF ONE (1) YEAR.		
<b>Approved by the Utah Division of Oil, Gas and Mining</b>  <b>Date:</b> 05/26/2011 <b>By:</b>		
<b>NAME (PLEASE PRINT)</b> Kathy K. Fieldsted		<b>PHONE NUMBER</b> 435 722-1325
<b>SIGNATURE</b> N/A		<b>TITLE</b> Sr. Regulatory & Permitting Tech.
<b>DATE</b> 5/25/2011		



## The Utah Division of Oil, Gas, and Mining

- State of Utah  
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

### Request for Permit Extension Validation Well Number 43013336650000

**API:** 43013336650000

**Well Name:** LC TRIBAL 3-22D-46

**Location:** 1053 FNL 1837 FWL QTR NENW SEC 22 TWNP 040S RNG 060W MER U

**Company Permit Issued to:** BERRY PETROLEUM COMPANY

**Date Original Permit Issued:** 6/18/2007

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☐ Yes ☒ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

**Signature:** Kathy K. Fieldsted

**Date:** 5/25/2011

**Title:** Sr. Regulatory & Permitting Tech. **Representing:** BERRY PETROLEUM COMPANY

**RECEIVED** May. 25, 2011



GARY R. HERBERT  
Governor

GREG BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

April 13, 2012

Kathy Fieldsted  
Berry Petroleum Company  
Route 2, Box 7735  
Roosevelt, UT 84066

43 013 33665  
LC Tribal 3-22D-46  
4S 6W 22

Re: APDs Rescinded for Berry Petroleum Company  
Duchesne County


Dear Ms. Fieldsted:

Enclosed find the list of APDs that you requested to be rescinded. No drilling activity at these locations has been reported to the division. Therefore, approval to drill these wells is hereby rescinded, effective March 29, 2012.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

  
Diana Mason  
Environmental Scientist

cc: Well File  
Bureau of Land Management, Vernal



LC Tribal 14-4-56	43-013-33578
LC Tribal 5-4-56	43-013-33579
LC Tribal 3-18-56	43-013-33609
Ute Tribal 15-14D-54	43-013-33679
→ LC Tribal 3-22D-46	43-013-33665
LC Tribal 11-27-46	43-013-33640
LC Tribal 7-21D-46	43-013-33743





GARY R. HERBERT  
Governor

GREG BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

April 13, 2012

Kathy Fieldsted  
Berry Petroleum Company  
Route 2, Box 7735  
Roosevelt, UT 84066

43 013 33665  
LC Tribal 3-22D-46  
4S 6W 22

Re: APDs Rescinded for Berry Petroleum Company  
Duchesne County


Dear Ms. Fieldsted:

Enclosed find the list of APDs that you requested to be rescinded. No drilling activity at these locations has been reported to the division. Therefore, approval to drill these wells is hereby rescinded, effective March 29, 2012.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

  
Diana Mason  
Environmental Scientist

cc: Well File  
Bureau of Land Management, Vernal



LC Tribal 14-4-56	43-013-33578
LC Tribal 5-4-56	43-013-33579
LC Tribal 3-18-56	43-013-33609
Ute Tribal 15-14D-54	43-013-33679
→ LC Tribal 3-22D-46	43-013-33665
LC Tribal 11-27-46	43-013-33640
LC Tribal 7-21D-46	43-013-33743